



## RFP No. 09-04-19-09 Addendum 1

### Potter's Lawn & Landscaping Supplier Response

#### Event Information

Number: RFP No. 09-04-19-09 Addendum 1  
Title: Landscape Maintenance Services  
Type: Request for Proposals  
Issue Date: 8/18/2019  
Deadline: 9/11/2019 11:00 AM (ET)  
Notes: The City of Coconut Creek, Florida is actively seeking proposals from qualified Proposers to provide Landscape Maintenance Services to the City in full accordance with the scope of services, terms, and conditions contained in the Request for Proposals (RFP).

#### Contact Information

Contact: Lorie Messer Purchasing Analyst  
Address: 4800 West Copans Road  
A/P - Finance & Administrative Services  
Government Center  
Coconut Creek, FL 33063  
Phone: 1 (954) 956-1584  
Fax: 1 (954) 973-6754  
Email: [lmesser@coconutcreek.net](mailto:lmesser@coconutcreek.net)

## Potter's Lawn & Landscaping Information

Address: 377 SW 14th Avenue  
Pompano Beach, FL 33069  
Phone: (954) 946-7544  
Fax: (954) 943-2819  
Email: nina@potterslawn.com

By submitting your response, you certify that you are authorized to represent and bind your company.

Nina S Potter Fernandez

*Signature*

*Submitted at 9/11/2019 9:43:15 AM*

nina@potterslawn.com

*Email*

## Supplier Note

Thank you for this opportunity to bid. Please find attached the required documents and requested information. I may be reached at (954) 275 6571 Nina S Potter

## Response Attachments

### Complete List of COI's & Licenses.pdf

COI's & Licenses

### Potter's Fictitious Name.pdf

Fictitious Name

### Potter's Professional Lawn Care Annual Report.pdf

Potter's professional Annual Business Report

### SDS - Turfpride 13-3-13 Fertilizer.pdf

SDS - Turfpride 13-3-13

### SDS - Turfpride 24-0-11 Fertilizer.pdf

SDS - 24-0-11

### SDS - Turfpride 7-1-7 Fertilizer.pdf

SDS 7-1-7

### SDS - Round Up Herbicide.pdf

SDS - Roundup

### SDS - Celcius Herbicide.pdf

SDS - Celcius

### SDS - Lesco Crosscheck Granular Insecticide.pdf

SDS - Lesco Crosscheck

### SDS - Gulfstream Spreader.pdf

SDS - Gulfstream

### SDS - Gasoline All Grades.pdf

SDS - Gasoline

### SDS - Diesel Fuel.pdf

SDS - Diesel

**fertilizer labels.pdf**

Fertilizer Labels

**Required Documents.pdf**

Required Documents

**Operational Plan & Resources.pdf**

Operational Plan <br/>Equipment Lists<br/>References<br/>Financials

**Bonds.pdf**

Bid Bond & Eligibility

**Bid Attributes**

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<b>1</b>	<p><b>Mandatory Pre-Proposal</b></p> <p>I acknowledge and understand that the pre-proposal meeting is mandatory. Failure to attend will result in my proposal being nonresponsive.</p> <p><input type="text" value="Yes"/></p>
<b>2</b>	<p><b>Section I - General Terms and Conditions</b></p> <p>I acknowledge reading and understanding the General Terms and Conditions.</p> <p><input type="text" value="Yes"/></p>
<b>3</b>	<p><b>Section II - Special Terms and Conditions</b></p> <p>I acknowledge reading and understanding the Special Terms and Conditions.</p> <p><input type="text" value="Yes"/></p>
<b>4</b>	<p><b>Section III - Detailed Requirements - Scope of Services</b></p> <p>I acknowledge reading and understanding the Detailed Requirements - Scope of Services.</p> <p><input type="text" value="Yes"/></p>
<b>5</b>	<p><b>Section IV - Required Documents</b></p> <p>I acknowledge and understand that all forms shall be completed and notarized (if applicable) and submitted as a requirement of this solicitation.</p> <p><input type="text" value="Yes"/></p>
<b>6</b>	<p><b>Insurance Requirements</b></p> <p>I acknowledge reading and understanding the Insurance Requirements and shall upload with my response a copy of a current Certificate of Insurance as a requirement of this solicitation.</p> <p><input type="text" value="Yes"/></p>

**7 Visa Credit Card - Preferred Method of Payment**

The City of Coconut Creek has implemented a Visa Procurement Card (P-Card) Program through SunTrust Bank. The City's preference is to pay for goods/services with the P-Card. This program allows the City to expedite payment to our vendors. Some of the benefits of the P-Card Program to the vendor are: payment received within 72 hours of receipt and acceptance of goods, reduced paperwork, issue receipts instead of generating invoices, resulting in fewer invoice problems, deal directly with the cardholder (in most cases). Vendors accepting payment by the P-Card may not require the City (Cardholder) to pay a separate or additional convenience fee, surcharge or any part of any contemporaneous finance charge in connection with a transaction. Such charges are allowable, however must be included in the total cost of their response. Vendors are not to add notations such as "+3% service fee" in their response. All responses shall be inclusive of any and all fees associated with the acceptance of the P-Card. Vendors agreeing to accept payment by P-Card must presently have the capability to accept Visa or take whatever steps necessary to implement the ability before the start of the agreement term.

Yes

**8 Purchase by other Governmental Agencies**

Please indicate if you will permit other governmental entities to purchase from your agreement with the City of Coconut Creek.

Yes

**Bid Lines**

**1 Landscape Maintenance Facilities & Parks**

UOM: Per Month Unit Price:  Total:

Item Notes: Refer to Exhibit "A"

**2 Landscape Maintenance Facilities & Parks**

UOM: Annual Unit Price:  Total:

Item Notes: Refer to Exhibit "A"

**3 Windmill Dog Parks - total of two (2) parks.**

UOM: Each Unit Price:  Total:

Item Notes: Refer to Exhibit "A" - to be mowed on Tuesdays only

**4 Windmill Dog Parks - total of two (2) parks**

UOM: Annual Unit Price:  Total:

Item Notes: Refer to Exhibit "A" - to be mowed on Tuesdays only

**5 Landscape Maintenance: Medians**

UOM: Per Month Unit Price:  Total:

Item Notes: Refer to Exhibit "B"

**6 Landscape Maintenance: Medians**

UOM: Annual Unit Price:  Total:

Item Notes: Refer to Exhibit "B"

**7 Maintenance of 441 Median South of Sawgrass - When completed**

UOM: Per Month Unit Price:  Total:

Item Notes: Refer to Exhibit "C"

<b>8</b>	Maintenance of 441 Median South of Sawgrass - When completed		
	UOM: <u>Annual</u>	Unit Price: <input type="text" value="\$1,800.00"/>	Total: <input type="text" value="\$1,800.00"/>
	Item Notes: Refer to Exhibit "C"		

**9 Package Header**

Additional Services

Total:

**Package Items**

**9.1 Sod Installation (St. Augustine)**

Quantity: 1 UOM: Sq. Ft. Unit Price:  Total:

**9.2 Sod Installation (Bahia)**

Quantity: 1 UOM: Sq. Ft. Unit Price:  Total:

**9.3 Additional Mowing including blowing, edging, weed whacking, etc.**

Quantity: 1 UOM: Per acre Unit Price:  Total:

**9.4 Tree Removal (up to 15' height)**

Quantity: 1 UOM: Per tree Unit Price:  Total:

**9.5 Tree Removal (> 15' to 30' height)**

Quantity: 1 UOM: Per tree Unit Price:  Total:

**9.6 Tree Removal (> 30' height)**

Quantity: 1 UOM: Per tree Unit Price:  Total:

**9.7 Tree Trimming / Shaping: Shade Trees - Canopy spread up to 10 ft.**

Quantity: 1 UOM: Per tree Unit Price:  Total:

**9.8 Tree Trimming / Shaping: Shade Trees - Canopy spread > 10 ft. to 25 ft.**

Quantity: 1 UOM: Per tree Unit Price:  Total:

**9.9 Tree Trimming / Shaping: Shade Trees - Canopy spread > 25 ft.**

Quantity: 1 UOM: Per tree Unit Price:  Total:

**9.10 Re-stand Trees**

Quantity: 1 UOM: Per tree Unit Price:  Total:

Supplier Notes:

**9.11 Additional Fertilization**

Quantity: 1 UOM: Sq. Ft. Unit Price:  Total:

**9.12 Additional Pest Control**

Quantity: 1 UOM: Sq. Ft. Unit Price:  Total:

**9.13 Additional Mulch - Installed**

Quantity: 1 UOM: Cu. Yd. Unit Price:  Total:

**9.14 Storm Debris Removal - includes hauling & disposal**

Quantity: 1 UOM: Cu. Yd. Unit Price:  Total:

**9.15 Hedging**

Quantity: 1 UOM: Linear Ft. Unit Price:  Total:

**9.16 Plant Installation - three (3) crew members**

Quantity:   1   UOM:  Hour  Unit Price:  Total:

**9.17 Weed Spraying**

Quantity:   1   UOM:  Hour  Unit Price:  Total:

**9.18 Irrigation Maintenance Technician**

Quantity:   1   UOM:  Hour  Unit Price:  Total:

**Response Total: \$999,065.807**

*Potter's*

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Lawn Maintenance & Landscaping

[www.potterslawn.com](http://www.potterslawn.com)



Licensing and Affiliations



CC # A-256



**377 SW 14<sup>th</sup> Avenue  
Pompano Beach, FL 33069  
954-946-7544**



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## What you can expect from Potter's Lawn & Landscaping

### Your Needs First

As a company that has been servicing residents and communities in Coconut Creek for more than twenty years, we have witnessed the improvements and beautification success of your City landscape. We believe our drive for high standards and continual 'raising of the bar' on those standards is in line with your expectations. Our goal is to be awarded this contract and become a partner not just for four years, or six years but to have an impact now that lasts well beyond our time. We want to work WITH the landscape, not just work in landscaping. Here are some of the ways we do this:

- **We strive to do the right thing, the right way.** For example we always consider carefully before removing trees and always pull permits so we are regularly communicating with you and hear your desires on species selections for replacements etc.
- **We strive to retain great employees.** We know that investment in people pays big dividends in the long run. We can focus and actually benefit from training and development programs within the company and outsourced and we really know the people doing the actual work and what they know and are capable of.
- **We strive to maintain great customers.** We know long term growth and profitability has to have the right foundation. For example buying a quality tree that has every reason to be thriving in ten years is a far more profitable choice than buying subpar material for a 'quick buck'. We hold ourselves accountable not just with customers that know the difference, but also when they don't.
- **We strive to keep things as simple as possible in everything we do.** Keeping the same crew members, giving the crew members the same areas to maintain, keeping the same equipment on each truck. The more simple things are the easier they are to measure and monitor. This works for every department in our business and every aspect of our business from quality control, to safety in the field, to scheduling in the office and simply by being transparent and honest with customers.



**Legal Name:** Potter's Professional Lawn Care, Inc  
**Fictitious Name:** Potter's Lawn & Landscaping  
**Year Incorporated:** 1998  
**Owners:** Grant J. Potter & Nina S. Potter Fernandez (brother sister team)  
**# of Employees:** 30  
**Structure:** Lawn Maintenance Division  
Tree Care Division  
Landscaping Division  
Irrigation Division  
Pest Control (Safe Planet Inc)

**Management Team:**

**Nina S. Potter Fernandez:** Nina joined Potter's in July 1998 and holds title of President. Nina is a Certified Arborist since 2010 and is certified in Best Management Practices of the Green Industry. Nina is highly involved in the business with a keen interest in customer relationships and employee development which supports a focus on strategic company growth and success.

**Grant J Potter:** Grant is Founder and Vice President of Potter's. Grant started Potter's as a residential lawn service in 1990 mowing lawns himself until the customer base grew and he hired an employee (an employee that remained in the business until retirement five years ago). As a hands on Manager of Operations Grant is strategic in crew efficiency, quality control and his vast and practical knowledge of the industry brings value for our customers and trust in those relationships.

**Amy Wetzel:** Amy has been with Potter's since May 2017 and holds the Account Manager Position. Prior to joining Potter's Amy worked for the City of Plantation as a Police Officer from 2002 - 2012. Amy's interest and passion for lawn and landscaping ventured her to start her own small residential lawn business. For five years Amy continued the business until 2017. At this time Amy wanted to expand her growth and knowledge by working for a commercial company and was hired by Potter's. Amy oversees daily operations, scheduling and project managements.

**Melissa Good:** Melissa joined the Potter's team as Office Manager in 2018. Melissa was raised in South Florida and returned after 15 years in Texas where she owned and operated Good Eating, a private chef service. Melissa has over 20 years experience in AP/AR and office management.

**Samuel Louis-Juste:** Samuel (Dan) has been with Potter's since 2006 and heads the tree care division. Dan oversees tree trimming operations for quality control, worksite safety and code compliance.

**Dieby Manchame:** Dieby leads the landscape division with an experience that spans 15 years in the industry. Dieby has extensive knowledge of plant care and best practices in landscaping installation.

## **Operational Plan**

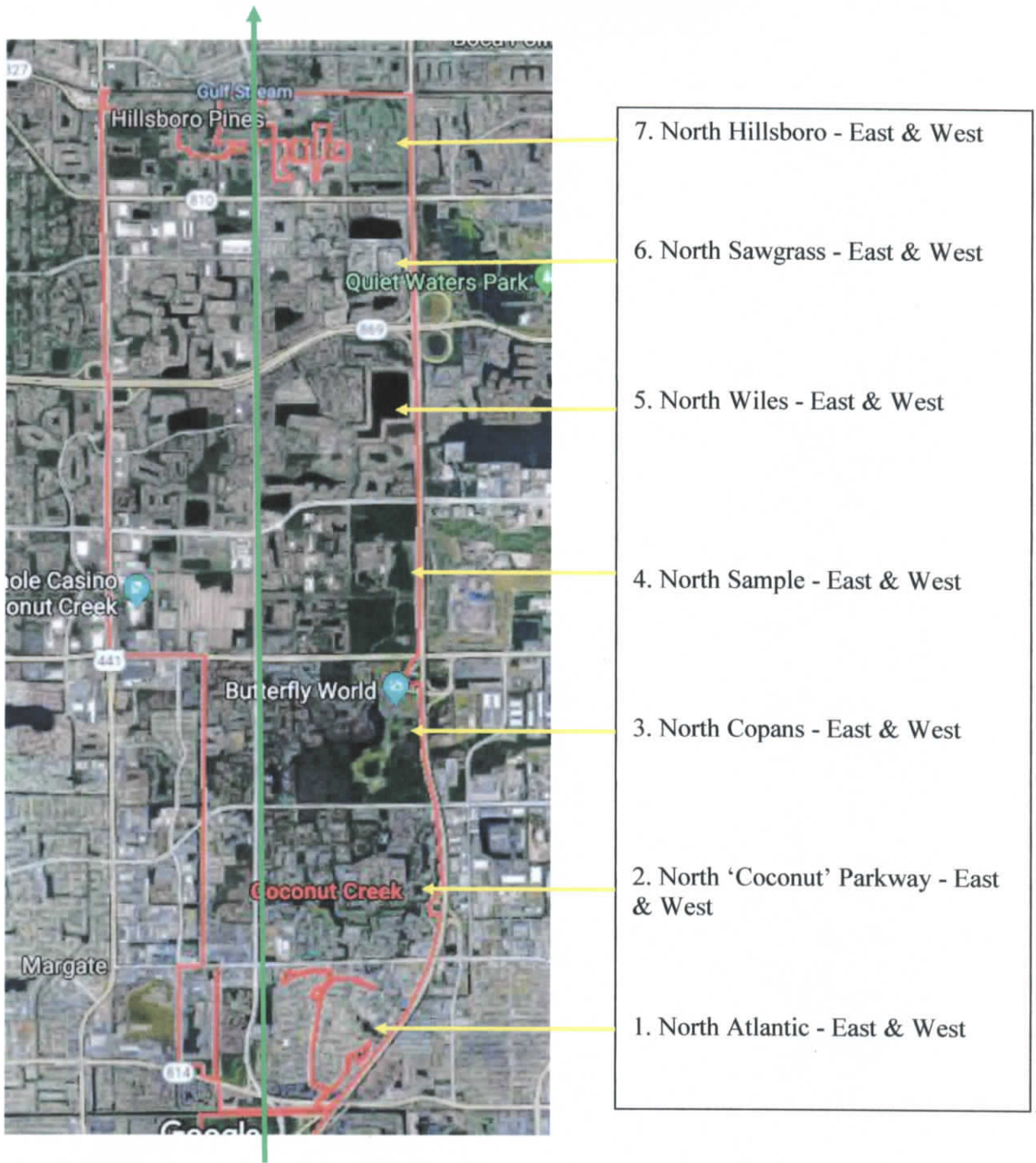
### Objectives:

1. To service the main thoroughfares during lightest traffic times 9:30am – 3:00pm
2. To create routes that maximizes safety and efficiency for all workers and minimizes disruption as much as possible - vehicle staging, traffic flow and route creation
3. To have specific crews for specific locations so they learn their areas of responsibility and their quality of work is manageable, accountable and measureable.

Our crews leave our facility in Pompano Beach at 7:30am and will be at work in the city approximately 8:00am Monday through Friday.

The City will be divided East and West with Lyons Road the divider (see map 1.)

The City will then be divided into seven (7) areas, all north of a major road – ‘North Atlantic’, ‘North Sample’, ‘North Sawgrass’ etc (see map 1.)



**East & West Teams:**

We will have 'East Teams' and a 'West Teams'. Both groups will be responsible for the small parks and facilities and the medians within their areas. Lyons Road will be assigned to the East Group. Both teams will work systematically starting from the South to the North.

**Park Team:**

We will have a 'Park Team' that will cover all the larger Parks, facilities and canals in the City in all seven areas. This team will also work from the South to the North.

This plan will match our objectives by:

**Safety –** The East and West Team routes will enable them to service small facilities early and late. The main thoroughfares will be maintained in off peak times.

The same roadways will be managed by the same employees every time the same way. It also enables us to be very specific about who and how many employees are working on the medians

The route will reduce walking distances for employees, reducing fatigue.

The Park Teams route will focus on being at the busier parks and those close to schools at quieter times of day

**Efficiency -** Working systematically south to north will reduce drive time and increase actual working hours.

Working systematically south to north will make monitoring and inspecting easier for Potter's and you.

The route structure will greatly reduce the likelihood of areas being missed or skipped. It will be very clear to the team where to start and stop.

The route structure will promote quality by enabling us to work to completion (litter picked up, mowed, edged, line trimmed, blown and picked up) in smaller areas before moving on. This method is especially important during unpredictable weather.

Bed detail will be performed by the same teams in their same areas but separately from mowing and will be scheduled prior to a mowing as much as possible. Bed detail will include hedge trimming, weed control and sucker removal. Some of the medians with very minimal bed detail will be handled during mowing.

Tree & palm trimming will be performed during the contracted months by the tree care division as per ANSI 300 standards. Tree clearance will be monitored monthly for 'as needed' situations. The tree division will be scheduled quarterly to ensure clearance levels are maintained throughout the City.

Mulching will be handled by our landscape division during contracted times.

Pest control will be IPM monthly and the contracted fertilization and will be performed by Safe Planet Inc with whom we work with under our well defined agreement.

#### **Customer Satisfaction**

We are committed to making your work and life convenient by providing a responsive, friendly and efficient service. We realize an open line of communication is essential for everyone involved. We recognize and appreciate the diverse nature of South Florida's residents and employees; we also recognize the importance for ease of communication in English by those in the field, at the site and working with customers. Our team leaders are all fluent in English.



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## References

<b>Company Name</b>	<b>2018 Revenue</b>	<b>2019 YTD Revenue</b>
Township Community Master Association, Inc. 2424 Lyons Road Coconut Creek, FL 33063 Linda Di Salvio (954) 973 8094 tcmatownship@aol.com	\$568,883.83	\$419,017.15
Oriole Gardens Condominium Association, Inc. 7400 NW 5th Court Margate, FL 33063 Patrick Laffey (954) 971 0884 plaffey7@yahoo.com	\$73,845.89	\$310,371.30
Cypress Bend Condo VII Association, Inc. 2234 S. Cypress Bend Drive Pompano Beach, FL 33069 Celine Corriveau (514) 944 0485 celine5055@gmail.com	\$***	\$163,066.57
Estada Homeowners Association, Inc. 6050 Estada Lane Boca Raton, FL 33433 Ernie Velez (561) 716 7380 evelez2@comcast.net	\$114,211.21	\$89,472.99

----- Original message -----

From: William Byrnes < >  
Date: 9/10/19 11:17 PM (GMT-05:00)  
To: Nina Potter < >  
Subject: Pottery Lawn & Landscape

I have known Grant and Nina Potter the Owners of Potters Lawn and Landscape for more than 10 Years, dealing with them both professionally and personally. They have always been outstanding people and leaders in the green industry, I recommend Grant, Nina and Potter's Lawn and Landscape as being both very experienced and highly qualified.

Please feel free to contact me if you have any questions or need further references.

William Byrnes  
954-234-0540  
LIAF  
ISA  
CPCO



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**VEHICLES & TRAILERS**

MAKE	MODEL
MITSUBISHI CREW CAB	FE145
MITSUBISHI CREW CAB	FE145
MITSUBISHI CREW CAB	FEC72W
FREIGHTLINER BUCKET TRUCK	M2106
GMC TOPKICK	C5500
HINO DUMP	268
HINO DUMP	FE2620
DODGE CARGO VAN	RAM
FORD	F150
FORD	F150
TOYOTA	TACOMA
CHEVY	CHEYENNE
LAWN TRAILER ENCLOSED	SUNCOAST
LAWN TRAILER ENCLOSED	SUNCOAST
LAWN TRAILER ENCLOSED	SUNCOAST
LAWN TRAILER ENCLOSED	SUNCOAST
LAWN TRAILER ENCLOSED	SUNCOAST
LAWN TRAILER ENCLOSED	SUNCOAST
FLATBED LANDSCAPE TRAILER	SUNCOAST
OPEN TRAILER	SUNCOAST

**Blowers**

MAKE	MODEL
BT BLOWER	560 BT
BT BLOWER	560 BT
PUSH BLOWER	OPT9270
BACKPACK BLOWER	EBZ7500RH
BACKPACK BLOWER	EBZ7500RH
BACKPACK BLOWER	EBZ7500RH
BACKPACK BLOWER	BR 420
BACKPACK BLOWER	BR 420
BACKPACK BLOWER	BR 420
BACKPACK BLOWER	BR 420
BACKPACK BLOWER	BR 420
BACKPACK BLOWER	BR-420C
BACKPACK BLOWER	BR-420C
BACKPACK BLOWER	EB802RT
BACKPACK BLOWER	EB802RT

**LARGE EQUIPMENT**

MAKE	MODEL
VERMEER	CHIPPER BC9000
DYNAMIC	CHIPPER CONEHEAD
POLECAT	AERIAL PLATFORM
VERMEER	STUMP GRINDER SC40TX
KUBOTA	WHEEL LOADER R520S1T3
TCM	WHEEL LOADER 806-2

**MOWERS**

MAKE	MODEL
HUSQVARNA 54"	PZ5426FX
HUSQVARNA 54"	PZ5426FX
HUSQVARNA 54"	PZ5426FX
JOHN DEERE 60"	Z925A-60
JOHN DEERE 60"	Z925A-61
JOHN DEERE 54"	Z925A-62
WRIGHT STANDARD 36"	STANDARD
EXMARK 21"	WALK BEHIND

**Edgers**

MAKE	MODEL
HUSQVARNA	426EX
RED MAX	HEZ2650F
RED MAX	HEZ2650F
RED MAX	HEZ2650F
RED MAX	HEZ2650F
STIHL	FC 90
STIHL	FC 90
ECHO	LE242
ECHO	LE242
STIHL	FC-75
STIHL	FC-75
STIHL	FC-75
STIHL	FC-75
STIHL	FC-100
STIHL	FC-100
ECHO	LE261
ECHO	LE261

# Potter's

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### Weed Eater

MAKE	MODEL
HUSQVARNA	426LST
RED MAX	BCZ266OTS
RED MAX	BCZ266OTS
RED MAX	BCZ266OTS
RED MAX	BCZ266OTS
STIHL	FS 90
STIHL	FS 90
STIHL	FS 90
ECHO	T242
ECHO	T242
STIHL	FS-80R
STIHL	FS-80R
STIHL	FS-80R

### Chainsaws

MAKE	MODEL
CHAIN SAW 16"	CS35T
CHAINSAW 16"	CS35T
CHAINSAW 16"	MS201
CHAINSAW 16"	MS201
CHAINSAW 16"	MS201
CHAINSAW 16"	MS201
CHAINSAW 16"	MS200T
CHAIN SAW 16"	MS200T
CHAIN SAW 16"	MS192T
CHAINSAW 14"	MS192TC-E-14

### Hedge Trimmers

MAKE	MODEL
HEDGETRIMMER 59"	HL-100-135
HEDGE TRIMMER 40"	HT231-40
HEDGE TRIMMER 40"	HT231-40
HEDGE TRIMMER 40"	HT231-40
HEDGE TRIMMER 40"	HT231-40
HEDGE TRIMMER 40"	HS-86T-40
HEDGE TRIMMER 40"	HT231-40
HEDGE TRIMMER 40"	HT231-40
HEDGE TRIMMER 40"	HT231-40
HEDGETRIMMER 59"	HL-100-135
HEDGETRIMMER 59"	HL-100-135
HEDGETRIMMER 40"	226HS99S
HEDGETRIMMER 40"	226HS99S
HEDGETRIMMER 40"	226HS99S
HEDGETRIMMER 40"	226HS99S

### Silky Saw

MAKE	MODEL
HAYATE	16"
HAYATE	20"

### Pole Saws

MAKE	MODEL
POLE SAW 7.5'-11.5'	HT-101
POLE SAW 7.5'-11.5'	HT-101
POLE SAW 7.5'-11.5'	HT-101
POLE SAW 7.5'-11.5'	HT-102



**SECTION IV - REQUIRED DOCUMENTS****Proposal Requirements Checklist**

Proposer has completed the required documents listed in the checklist below. ALL required documents shall be executed, notarized (if applicable), and submitted electronically through the eBid System as a condition to this Request for Proposals. Failure to upload / submit ALL required documents may disqualify your submittal.

Required Documents	Yes	No
Proposer Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposal Confirmation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Indemnification Clause	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-Collusive Affidavit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposer's Qualification Statement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drug-Free Workplace Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sworn Statement on Public Entity Crimes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exceptions to the RFP	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operational Plan – Scope of Services Proposed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Submitted Pricing through the eBid System "Line Items" Tab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposal: (1) Qualifications and Experience (2) Resources and Availability (3) References	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Certificate of Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Business Tax Receipt	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Copies of Valid Licenses	<input type="checkbox"/>	<input type="checkbox"/>
Scrutinized Companies Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>

PROPOSER INFORMATION

Communications concerning this proposal shall be addressed to:

Company Name: POTTERS PROFESSIONAL LAWN CARE, INC  
 Social Security/Federal Tax I.D. No.: 65-0419005  
 Proposer's Name (Print): NINA S POTTER FERNANDEZ Title: PRESIDENT  
 Address: 377 SW 14TH AVENUE  
 City/State/Zip: POMPANO BEACH, FL 33069  
 Phone: 954 946 7544 Fax: 954 943 2819  
 Email: nina@potterslawn.com

ACKNOWLEDGEMENT OF ADDENDA

Instructions: Complete Part I or Part II, Whichever Applies

Part I:


Proposer has examined copies of all the Contract Documents and of the following Addenda (receipt of all which is hereby acknowledged).

Addendum No: <u>1</u>	Dated: <u>9/4/19</u>
Addendum No: _____	Dated: _____
Addendum No: _____	Dated: _____
Addendum No: _____	Dated: _____
Addendum No: _____	Dated: _____

Part II:

No Addendum was received in connection with this RFP.

It is understood and agreed by Proposer that the City reserves the right to reject any and all proposals, to make awards on all items or any items according to the best interest of the City, and to waive any irregularities in the proposal or in the proposals received as a result of the RFP. It is also understood and agreed by the Proposer that by submitting a proposal, Proposer shall be deemed to understand and agree that no property interest or legal right of any kind shall be created at any point during the aforesaid evaluation/selection process until and unless a contract has been agreed to and signed by both parties.

  
Proposer's Authorized Signature

9/6/19  
Date

NINA S POTTER FERNANDEZ  
Proposer's Printed Name



CITY OF COCONUT CREEK

FINANCE AND ADMINISTRATIVE SERVICES  
PURCHASING AND CONTRACTS DIVISION  
4800 WEST COPANS ROAD  
COCONUT CREEK, FLORIDA 33063

ADDENDUM NO. 1

August 29, 2019

RFP No.: 09-04-19-09  
RFP Name: Landscape Maintenance Services  
Due Date/Time: September 11, 2019 at 11:00 a.m. EST


Our records indicate that your firm is in receipt of proposal documents for Landscape Maintenance Services. The following information is being transmitted to make changes to the Exhibits and extend the RFP opening date and extend the last date for questions. This Addendum is hereby made part of the specifications and shall be included with all contract documents.

This addendum acknowledgment sheet must be submitted electronically with your response through the eBid System by the due date and time indicated above. Failure to return this sheet may disqualify Proposer.

- **NEW RFP OPENING DATE: WEDNESDAY, SEPTEMBER 11, 2019 YEAR AT 11:00 A.M. EST**
- **EXTENDED DATE FOR QUESTIONS: WEDNESDAY, SEPTEMBER 4, 2019 AT 3:00 P.M. EST**

Note: Words underlined and **bold** are additions, words ~~marked through~~ are deletions

This addendum acknowledgment sheet must be submitted electronically with your response through the eBid System by the due date and time indicated above. Failure to return this sheet may disqualify Proposer.

 \_\_\_\_\_ Date 9/6/19

POTTER'S PROFESSIONAL LAWN CARE, INC \_\_\_\_\_

Company Name

377 SW 14TH AVENUE, Pompano Beach, FL 33069 \_\_\_\_\_

Company Address

(954) 946 7544 \_\_\_\_\_ Phone Number

(954) 943 2819 \_\_\_\_\_ Fax Number

Lorie Messer  
Purchasing Analyst  
[lmesser@coconutcreek.net](mailto:lmesser@coconutcreek.net)

**REVISIONS TO THE EXHIBITS OF THE RFP**

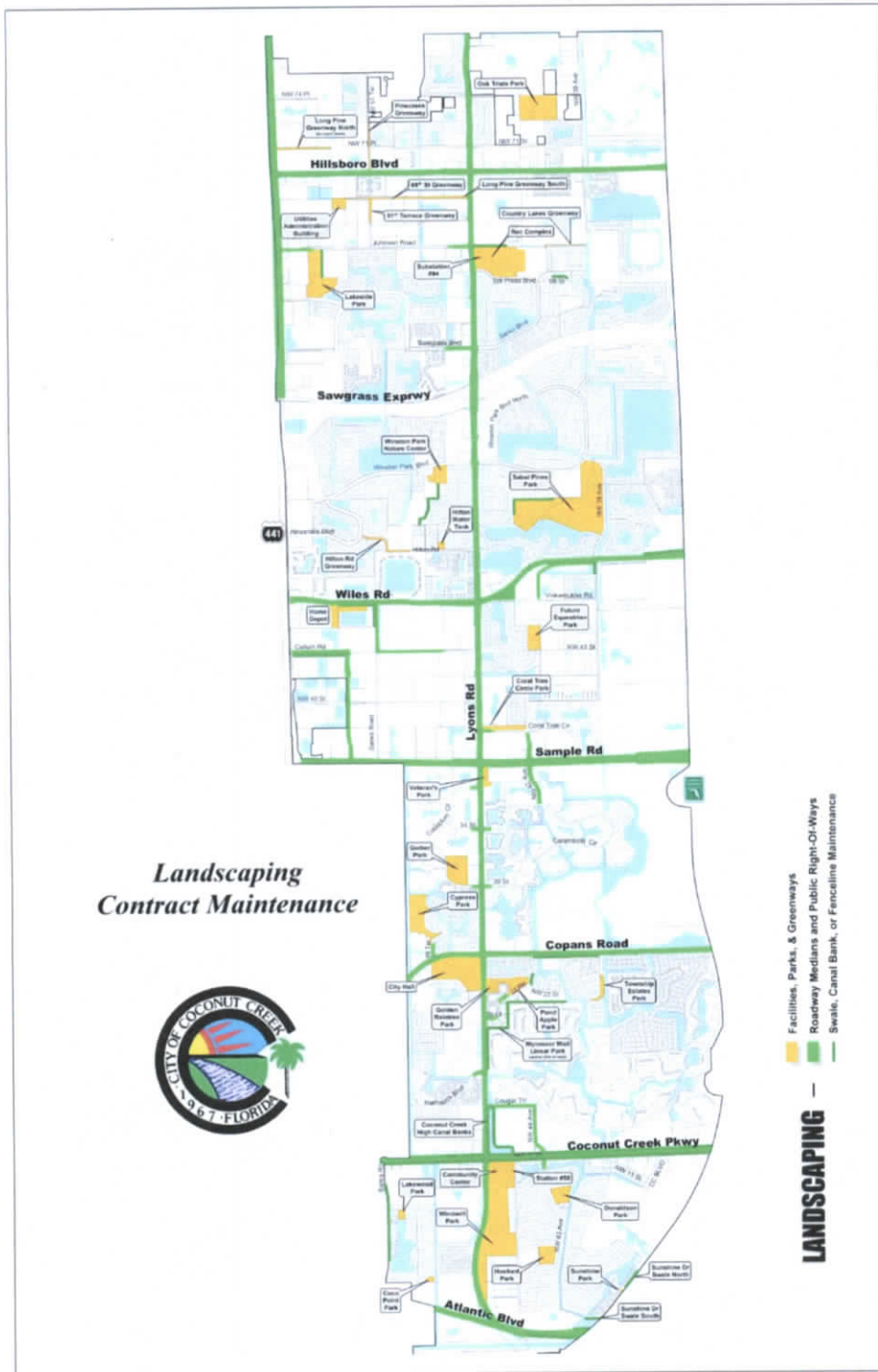
1. Exhibit "A" Item number 14, Facilities and Parks of the RFP is hereby revised to read as follows:
  14. Wynmore Wall Linear Park, (from Lyons Road to stake at south end of Centura Park). **No mulching needed.**
2. Exhibit "E" City Map – is hereby replaced with a Revised City Map.

CONTINUED ON NEXT PAGE

**EXHIBIT "A"**  
**FACILITIES AND PARKS (REVISED)**

1	Government Center (City Hall, Public Works Complex, Public Safety Compound included Cell Tower). Includes all Butterfly Gardens and all of City Hall Landscaping
2	Cocopoint Park
3	Lakewood park
4a	Windmill Park including lake banks along east side of lake
4b	Windmill Park Dog Parks (2 parks – to be mowed on Tuesdays only)
5	Community Center (including cell tower and does not include sports field). Including Lake Bank on east side of Lake.
6	Fire Station 50 (including Butterfly Pavilion)
7	Hosford Park (does not include sport fields)
8	Sunshine Park (including Swale on east side heading north to apartments)
9	Sunshine Drive City Lot (south end of Sunshine Drive no fertilizer or IPM)
10	Donaldson Park
11	Pond Apple Park
12	Township Estates Park (no fertilizer or IPM)
13	Golden Raintree Park
14	Wynmore Wail Linear Park (from Lyons Road to stake at south end of Centura Park) <b>No Mulching Needed</b>
15	Cypress Park
16	Gerber Park (does not include sports fields)
17	Veterans Park
18	Hilton Tank, include maintenance of plant material and beds outside of fenced area on the East and West sides of property
19	Hilton Greenway
20	Coral Tree Greenway (both sides of canal includes 1 median on Coral Tree and Lyons Road and 1 median on north side of 42 <sup>nd</sup> Ave. and Sample Road
21	Five (5) Acre Equestrian lot at the end of 43 <sup>rd</sup> Street one time per month (bush hog and weed whack only, no fertilizer or IPM)
22	City property next to Home Depot lot one time per month (bush hog and weed whack only, no fertilizer or IPM)
23	Sabal Pines Park (including cell tower, score board fenced areas, all common areas and fence line along preserve. Does not include sports fields)
24	Winston Park nature center and park (includes cell tower and fence line along preserve)
25	Recreation Complex (including swales adjacent to canal and St. Augustine next to ball fields at Lyons Creek middle school)
26	Fire station 94
27	Long Pine Greenway South (greenway behind Publix)
28	Long Pine Greenway North (greenway behind Walmart only heading east and west only)
29	County Lakes Greenway (both sides of sidewalk)
30	Pine Creek Greenway
31	Oak Trails Park
32	Oak Trails Park expansion east (bush hog one time per month, no fertilizer or IPM)
33	Oak Trails Park expansion west (bush hog one time per month, no fertilizer or IPM)
34	Utilities and Engineering including around water tank
35	69 <sup>th</sup> Street Greenway
36	51 <sup>st</sup> Terr. Greenway (no fertilizer or IPM)
37	Lakeside Park (including cell tower)
38	Lakeside Park expansion lot next to Tradewinds one time per month (bush hog and weed whack, no fertilizer or IPM)

# EXHIBIT "E" – CITY MAP (REVISED)



PROPOSAL CONFIRMATION

In accordance with the requirements to provide **Landscape Maintenance Services** pursuant to RFP 09-04-19-09, the undersigned submits the attached proposal.

Proposer accepts and hereby incorporates by reference in this proposal all of the terms and conditions of the scope of work, including EPA Standards, Motor Vehicle Safety Standards and required warranty and guarantee certificates.

Proposer is fully aware of the scope of work based on these requirements, the legal requirements (federal, state, county and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress or performance of the work and has made such independent investigation as Proposer deems necessary.

This proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Proposer has not directly or indirectly induced or solicited any other Proposer to submit a false or sham proposal; Proposer has not solicited or induced any person; firm or a corporation to refrain from proposing and Proposer has not sought by collusion to obtain for himself any advantage over any other Proposer or over City.

The Proposer shall acknowledge this Proposal by signing and completing the spaces provided. I hereby submit this Proposal Package for Landscape Maintenance Services, RFP No. 09-04-19-09 to the City of Coconut Creek with the full understanding of the Request for Proposal, General Terms and Conditions, Special Terms and Conditions, Detailed Requirements, and the entire Proposal Package.

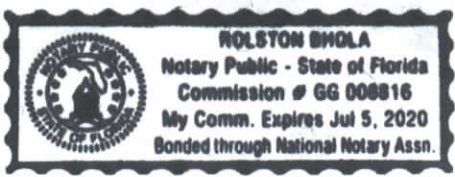
NINA S POTIER FERNANDEZ                      [Signature]                      9/6/19  
Proposer's Name                                      Signature                                      Date

State of: FLORIDA  
County of: BROWARD

The foregoing instrument was acknowledged before me this 6th day of SEPTEMBER, 2019, by NINA S POTIER FERNANDEZ, who is (who are) personally known to me or who has produced \_\_\_\_\_ as identification and who did (did not) take an oath.

[Signature]  
Notary Public Signature

Rolston BHLA  
Notary Name, Printed, Typed or Stamped  
Commission Number: GG 068816  
My Commission Expires: July 5 2020



## Purchasing Card Acceptance



### Why You Should Accept City of Coconut Creek's Purchasing Card

#### The Challenge

To optimize working capital, buying organizations are requesting that their suppliers accept purchasing cards for payment. By replacing their paper-based accounts payable process with an electronic purchasing card solution, buyers reduce their overall payables cost and suppliers reduce their collection expenses. As a supplier you will be able to accept credit card payments while minimizing your acceptance costs.

#### The Solution

We would like for you to begin accepting the SunTrust Purchasing Card. Payments made with a purchasing card provide faster receipt of funds, as they are deposited electronically to your checking account. We have partnered with SunTrust to negotiate preferred product and pricing solutions that fit the needs of Business-to-Business (B2B) purchasing card acceptance.

#### Here's How It Works

SunTrust will provide a computer-based solution that allows you to get the best effective rate for B2B card acceptance. A computer-based application is necessary to authorize and settle transactions at the best available interchange rate, as typical point-of-sale terminals do not have the capability to send the additional required enhanced data with the purchasing card transactions.

#### What's In It For You

With our B2B solution you will receive payments quicker than through the manual paper-based process. You can also:

- Achieve cost reductions in mail handling, depositing payments and collection
- Have your funds deposited electronically
- Receive payments faster and improved cash flow
- Gain greater visibility to manage cash flow through online reporting
- Increase accounting efficiency
- Receive competitive processing rates and fees
- Eliminate returned or lost checks processing and related expenses
- Experience reduced potential for fraud than with check payments
- Decrease days sales outstanding

#### City of Coconut Creek Preferred Supplier Acceptance Pricing

We have created a program to allow you to qualify at the best effective rates either by software or through a web-based solution.

Visa® Rate	Purchase Card Level 2	Purchase Card Level 3	Large Ticket Rate
*Interchange Rate	2.00% + \$0.05	1.80% + \$0.10	1.45% + \$35.00
*Assessment Fee	0.0925%	0.0925%	0.0925%
SunTrust Merchant Services Fee	0.20%	0.20%	0.20%
*Effective Rate	2.33%	2.13%	1.78%

\*Rate provided by Visa



**Purchase Level 2**

To qualify for the Visa Level 2 Interchange Rates, the sales tax amount must be reported and the value must be greater than zero.

**Purchase Level 3**

To qualify for the Visa Level 3 Interchange Rate, Level 3 data (item description, product code, quantity, unit of measure and commodity code) must be reported. If the Sales tax is not applied, a value of zero (0.00) is required.

**Purchase Large Ticket**

To qualify for the Visa Large Ticket Interchange Rate, Level 2 and Level 3 data must be reported. Any transaction greater than \$6,980 that has the required data elements will qualify for the Visa Large Ticket Rate.

**City of Coconut Creek Preferred Product Solution Pricing**

Type	Solution Name	Price
Software-based Application	Payment Software	Set-up (one-time): Waived Monthly Access: \$0.00 Per Transaction:\$0.00
Internet-based Solution	Global Gateway e4	Set-up (one-time): Waived Monthly Access: \$9.95 Per Transaction:\$0.05

**Value-Added Services**

- Preferred Supplier status
- Set preferred processing fees for B2B acceptance
- No cost computer application
- No set-up fee
- No early termination fees
- Online reporting

**Supplier Sign-Up:**

To begin the supplier enrollment process, please call 855.468.0317.

INDEMNIFICATION CLAUSE

(Page 1 of 1)

The parties agree that one percent (1%) of the total compensation paid to Contractor for the work of the contract shall constitute specific consideration to Contractor for the indemnification to be provided under the Contract. The Contractor shall indemnify and hold harmless the City Commission, the City of Coconut Creek, and its agents and employees from and against all claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance of the work provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

In any and all claims against the City, or any of their agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Paragraph shall not be limited in any way by any limitation on this amount or type of damages compensation or benefits payable by or for the Contractor or any subcontractor under Workers' Compensation Acts, Disability Benefit Acts or other Employee Benefit Acts. Nothing in this section shall affect the immunities of the City pursuant to Chapter 768, Florida Statutes, as amended from time to time, nor shall it constitute an agreement by the City to indemnify Contractor, its officers, employers, subcontractors or agents against any claim or cause of action. This section shall not be construed as consent to be sued by any third parties in any matter arising out of this Agreement. The foregoing indemnification and release shall survive the termination of this Agreement.

Potter's Professional Lawn Care Inc  
Contractor's Name  
NINA S POTTER

[Signature]  
Signature

9/6/19  
Date

State of: FLORIDA

County of: BROWARD

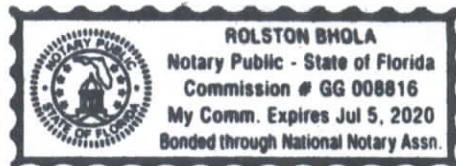
The foregoing instrument was acknowledged before me this 6th day of September, 2019, by NINA S POTTER FERNANDEZ, who is (who are) personally known to me or who has produced \_\_\_\_\_ as identification and who did (did not) take an oath.

[Signature]  
Notary Public Signature

Rolston Bhola  
Notary Name, Printed, Typed or Stamped

Commission Number: GG 008816

My Commission Expires: July 5 2020



NON-COLLUSIVE AFFIDAVIT

State of FLORIDA )  
County of Broward )ss.

NINA S POTIR PERMANDEZ being first duly sworn, deposes and says that:

- (1) He/she is the OWNER PRESIDENT  
(Owner, Partner, Officer, Representative or Agent)  
of PTZES PROFESSIONAL LAWYER LLC the Proposer that has submitted the attached proposal;
- (2) He/she is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;
- (3) Such proposal is genuine and is not a collusive or sham proposal;
- (4) Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Proposer, firm, or person to submit a collusive or sham proposal in connection with the work for which the attached proposal has been submitted; or to refrain from bidding in connection with such work; or have in any manner, directly or indirectly, sought by agreement or collusion, or communication, or conference with any Proposer, firm or person to fix the price or prices in the attached proposal of any other Proposer, or to fix an overhead, profit, or cost elements of the proposal price or the proposal price of any other Proposer, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed work;
- (5) The price or prices quoted in the attached proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Proposer or any other of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signed, sealed and delivered  
in the presence of:

[Signature]  
[Signature]

By: [Signature]

NINA S POTER FERNANDEZ  
(Printed Name)

PRESIDENT  
(Title)

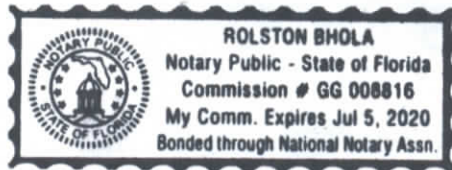
ACKNOWLEDGEMENT

State of FLORIDA  
County of BROWARD

The foregoing instrument was acknowledged before me this 6th day of September, 2019,  
by NINA S POTER FERNANDEZ, who is personally known to me or who has produced  
[Signature] as identification and who did (did not) take an oath.

WITNESS my hand and official seal

[Signature]  
NOTARY PUBLIC



(Name of Notary Public: Print, Stamp, or  
Type as Commissioned.)

**PROPOSER'S QUALIFICATION STATEMENT**

In order to properly evaluate the proposal submittals, Proposers are expected to complete the questionnaire and include the following documentation. By attesting to this submittal, Proposer guarantees the truth and accuracy of all statements and answers herein contained.

SUBMITTED TO: City of Coconut Creek  
 Purchasing and Contracts Division  
 4800 West Copans Road  
 Coconut Creek, FL 33063

Submitted By: POTTER'S PROFESSIONAL LAWN CARE, INC  
 Name: NINA S POTTER PERNADEZ  
 Address: 377 SW 14TH AVENUE  
 City, State, Zip: POMPANO BEACH, FL 33069  
 Telephone No. (954) 946 7544  
 Fax No. (954) 943 2819

- Check One  
 Corporation  
 Partnership  
 Individual  
 Other

1. State the true, exact, correct and complete name of the partnership, corporation, trade or fictitious name under which you do business and the address of the place of business.

The correct name of the Proposer is: POTTER'S PROFESSIONAL LAWN CARE INC.  
DBA POTTER'S LAWN + LANDSCAPING

The address of the principal place of business is: \_\_\_\_\_  
377 SW 14TH AVENUE, POMPANO BEACH, FL 33069

2. If Proposer is a corporation, answer the following:

- a. Date of Incorporation: 2/25/1998
- b. State of Incorporation: FLORIDA
- c. President's Name: NINA S POTTER PERNADEZ
- d. Vice President's Name: GRANT J POTTER
- e. Secretary's Name: NINA S POTTER PERNADEZ
- f. Treasurer's Name: GRANT J POTTER
- g. Name and Address of Resident Agent: NINA S POTTER PERNADEZ

3. If Proposer is an individual or a partnership, answer the following:

- a. Date of Organization: \_\_\_\_\_
- b. Name, Address and Ownership Units of all Partners: \_\_\_\_\_  
 \_\_\_\_\_
- c. State whether general or limited partnership: \_\_\_\_\_

4. If Proposer is other than an individual, corporation or partnership, describe the organization and give the name and address of principals:

---

---

5. If Proposer is operating under a fictitious name, submit evidence of compliance with the Florida Fictitious Name Statute.

6. How many years has your organization been in business under its present business name? \_\_\_\_\_

a. Under what other former name has your organization operated?

---

NONE

---

---

7. Indicate registration, license numbers or certificate numbers for the businesses or professions, which are the subject of this proposal. Please attach certificate of competency and/or state registration.

---

SEE ATTACHED

---

8. Litigation/Judgments/Settlements/Debarments/Suspensions:  
Submit information on any pending litigation and any judgments and settlements of court cases relative to providing the Landscape Maintenance Services that have occurred within the last three (3) years. Also indicate if your firm has been debarred or suspended from bidding or proposing on a procurement project by any government during the last five (5) years.

---

NONE

---

9. Have you ever failed to complete any work awarded to you? If so, state when, where and why?

---

NO

---

10. List the pertinent experience of the key individuals of your organization (continue on insert sheet, if necessary).

---

SEE ATTACHED

---

---

11. State the name of the individual(s) and titles who will personally supervise the work:

---

SEE ATTACHED

---

12. State the name and address of the attorney, if any, for the business of the Proposer:

MARK A. LEVY 100 SE THIRD AVENUE  
BRINKLEY MORGAN 23<sup>RD</sup> FLOOR  
PT. LANDWORTH, FL 33394

13. State the names and addresses of all businesses and/or individuals who own an interest of more than five percent (5%) of the Proposer's business and indicate the percentage owned of each such business and/or individual:

NINFA S POTTER FERNANDEZ (50%) 1270 SW 8TH STREET, BOCA RATON, FL 33486  
GRANT J POTTER (50%) 7860 NW 84TH AVENUE, PARKLAND, FL 33067

14. State the names, addresses and the type of business of all firms that are partially or wholly owned by Proposer:

SEE ATTACHED

15. State the name of Surety Company which will be providing the bond, and the name and address of agent:

SEE ATTACHED

16. List the following information concerning all Proposer's contracts in progress as of the date of submission and completed projects over the last five (5) years. (In case of any co-venture, list the information for all co-ventures.)

<u>Name of Project</u>	<u>Owner</u>	<u>Total Contract Value</u>	<u>Contracted Date of Completion</u>	<u>% of Completion to Date</u>
<u>SEE ATTACHED</u>				

17. Have you personally inspected the site of the proposed work?

Yes  No

18. Do you have a complete set of documents, including drawings and addenda, if applicable?

Yes  No

19. Did you attend the pre-proposal conference if any such conference was held?

Yes  No  No Conference Held

20. Bank References:

Bank	Address/City/State/Zip	Telephone
CENTENNIAL BANK DEBBIE LANGSTON	400 N. FEDERAL HIGHWAY POMPANO BEACH, FL 33062	(954) 876 2322

21. Attach a financial statement including Proposer's latest balance sheet and income statement showing the following items:

- a) Current Assets (e.g. cash, joint venture accounts, accounts receivable, notes, receivable, accrued income, deposits, materials, real estate, stocks and bonds, equipment, furniture and fixtures, inventory and prepaid expenses)
- b) Net Fixed Assets
- c) Other Assets
- d) Current Liabilities (e.g. accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries, real estate encumbrances and accrued payroll taxes)
- e) Other Liabilities (e.g. capital, capital stock, authorized and outstanding shares par values, earned surplus, and retained earnings)

22. State the name of the firm preparing the financial statement and date thereof:

\_\_\_\_\_


23. Is this financial statement for the identical organization named on page one? Yes  No

24. If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g. parent-subsidiary).

\_\_\_\_\_

\_\_\_\_\_

The Proposer acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by City in awarding the contract and such information is warranted by Proposer to be true. The discovery of any omission or misstatement that materially affects the Proposer's qualifications to perform under the contract shall cause the City to reject the proposal, and if after the award, to cancel and terminate the award and /or contract.

  
 \_\_\_\_\_  
 Proposer's Signature

9/6/19  
 \_\_\_\_\_  
 Date



ACKNOWLEDGEMENT  
PROPOSER'S QUALIFICATION STATEMENT

State of FLORIDA

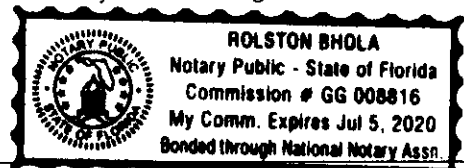
County of BROWARD

On this the 6TH day of SEPTEMBER, 2019, before me, the undersigned Notary Public of the State of Florida, Personally appeared

NINA S POTTER FERNANDEZ And  
(Name(s) of individual(s) who appeared before notary)

whose name(s) is/are Subscribed to within the instrument, and he/she/they acknowledge that he/she/they executed it.

WITNESS my hand and official seal.



NOTARY PUBLIC, STATE OF FLORIDA

NOTARY PUBLIC

SEAL OF OFFICE

(Name of Notary Public: Print, Stamp, or Type as Commissioned)

- Personally known to me, or
- Produced identification

(Type of Identification Produced)

- DID take an oath, or
- DID NOT take an oath

**DRUG-FREE WORKPLACE FORM**

The undersigned vendor in accordance with Section 287.087, Florida Statutes as may be amended from time to time, hereby certifies that POTZEL'S PROFESSIONAL LAWN CARE, INC does:  
(Name of Business)

- 1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- 2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- 3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
- 4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of *Florida Statutes*, Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
- 5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
- 6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

  
\_\_\_\_\_  
Proposer's Signature

POTZEL'S PROFESSIONAL LAWN CARE, INC 9/6/19  
\_\_\_\_\_  
Company Name Date

**SWORN STATEMENT  
ON PUBLIC ENTITY CRIMES  
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with RFP No. 09-04-19-09 for Landscape Maintenance Services.
2. This sworn statement is submitted by Botz's Professional Lawn Care, Inc (name of entity submitting sworn statement) whose business address is 377 SW 14th Avenue Pompano Beach FL 33069 and (if applicable) its Federal Employer Identification Number (FEIN) is 65-0419005. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: \_\_\_\_\_.)
3. My name is NINA S POTTER FERNANDEZ and my  
(Please print name of individual signing)  
relationship to the entity named above is PRESIDENT.
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
5. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, includes but is not limited to:
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision

of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, who are active, or who have been active, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity within the last five (5) years of this sworn statement.

8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **Please check all statements that are applicable.**
- Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
  - The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)
  - There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)
  - The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)
9. Based on information and belief, the statement that I have marked below is true in relation to the entity submitting this sworn statement. **Please check if statement is applicable.**
- The person or affiliate has not been placed on the convicted vendor list.  
(If the box is not checked, please describe any action taken by or pending with the Department of General Services.)
10. The herein sworn statement shall be subject to and incorporate all the terms and conditions contained in Section 287.133 of the Florida Statutes.
11. Conviction of a public entity crime shall be cause for disqualification.

Potter's Professional Land Care Inc  
NINA S POTTER FERNANDEZ  
Proposer's Name

[Signature]  
Signature

Date: 9/6/19

State of: FLORIDA

County of: BROWARD.

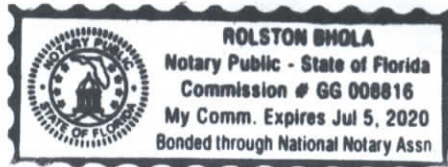
The foregoing instrument was acknowledged before me this 9th day of SEPTEMBER, 2019, by NINA S POTTER FERNANDEZ, who is (who are) personally known to me or who has produced \_\_\_\_\_ as identification and who did (did not) take an oath.

[Signature]  
Notary Public Signature

Notary Name, Printed, Typed or Stamped

Commission Number: GG 008816

My Commission Expires: July 5 2020



EXCEPTIONS TO THE RFP

NOTE: Proposals that are exceptions to that which are specified and outlined below. (Additional sheets may be attached.) However, all alterations or omissions of required information or any change in proposal requirements is done at the risk of the Proposer presenting the proposal and may result in the rejection thereof.

Lined area for writing exceptions, containing the handwritten text 'N/A'.

SCRUTINIZED COMPANIES  
CERTIFICATION PURSUANT TO  
FLORIDA STATUTE § 215.4725 AND § 215.473

I, NINA S POTRIZ FERNANDEZ, on behalf of POTRIZ'S PROFESSIONAL LAWYER CARE INC  
Print Name Company Name

certifies that POTRIZ'S PROFESSIONAL LAWYER CARE, INC does not:  
Company Name

1. Participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Cuba or Syria.

  
Signature

PRESIDENT  
Title

(954) 946 7544  
Phone

9/2/19  
Date



The Professional Choice in  
Lawn Maintenance & Landscaping

Businesses partially or wholly owned by Proposer:

(page 48, item #14)

<b>Company Name</b>	<b>Type of Business</b>	<b>Address</b>
Potter's Professional Lawn Care, Inc.	Lawn & Landscaping	377 SW 14 <sup>th</sup> Ave, Pompano Beach, FL 33069
Parkland Plants & Palms, Inc.	Nursery	7860 NW 84th Ave, Parkland, FL 33067
Parklane Trees, Inc.	Tree Farm	Heritage Farms, Lake Worth, FL
Warehouse One, LLC.	Real Estate Holding	366 SW 14 <sup>th</sup> Ave, Pompano Beach, FL 33069
Warehouse Three, LLC.	Real Estate Holding	377 SW 14 <sup>th</sup> Ave, Pompano Beach, FL 33069





# Safety Data Sheet

**Material Name: Diesel Fuel, All Types**

**SDS No. 9909**  
US GHS

**Synonyms:** Ultra Low Sulfur Diesel; Low Sulfur Diesel; No. 2 Diesel; Motor Vehicle Diesel Fuel; Non-Road Diesel Fuel; Locomotive/Marine Diesel Fuel

## \*\*\* Section 1 - Product and Company Identification \*\*\*

### Manufacturer Information

Hess Corporation  
1 Hess Plaza  
Woodbridge, NJ 07095-0961

Phone: 732-750-6000 Corporate EHS  
Emergency # 800-424-9300 CHEMTREC  
[www.hess.com](http://www.hess.com) (Environment, Health, Safety Internet Website)

## \*\*\* Section 2 - Hazards Identification \*\*\*

### GHS Classification:

Flammable Liquids - Category 3  
Skin Corrosion/Irritation – Category 2  
Germ Cell Mutagenicity – Category 2  
Carcinogenicity - Category 2  
Specific Target Organ Toxicity (Single Exposure) - Category 3 (respiratory irritation, narcosis)  
Aspiration Hazard – Category 1  
Hazardous to the Aquatic Environment, Acute Hazard – Category 3

### GHS LABEL ELEMENTS

#### Symbol(s)



#### Signal Word

DANGER

#### Hazard Statements

Flammable liquid and vapor.  
Causes skin irritation.  
Suspected of causing genetic defects.  
Suspected of causing cancer.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
May be fatal if swallowed and enters airways.  
Harmful to aquatic life.

#### Precautionary Statements

##### Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking  
Keep container tightly closed.  
Ground/bond container and receiving equipment.

# Safety Data Sheet

**Material Name: Diesel Fuel, All Types**

**SDS No. 9909**

Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands and forearms thoroughly after handling.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing fume/mist/vapours/spray.

## Response

In case of fire: Use water spray, fog or foam to extinguish.  
IF ON SKIN (or hair): Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.  
If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.  
IF exposed or concerned: Get medical advice/attention.

## Storage

Store in a well-ventilated place. Keep cool.  
Keep container tightly closed.  
Store locked up.

## Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

## \* \* \* Section 3 - Composition / Information on Ingredients \* \* \*

CAS #	Component	Percent
68476-34-6	Fuels, diesel, no. 2	100
91-20-3	Naphthalene	<0.1

A complex mixture of hydrocarbons with carbon numbers in the range C9 and higher.

## \* \* \* Section 4 - First Aid Measures \* \* \*

### First Aid: Eyes

In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

### First Aid: Skin

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or with waterless hand cleanser. Obtain medical attention if irritation or redness develops. Thermal burns require immediate medical attention depending on the severity and the area of the body burned.

### First Aid: Ingestion

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

## First Aid: Inhalation

Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

## \* \* \* Section 5 - Fire Fighting Measures \* \* \*

### General Fire Hazards

See Section 9 for Flammability Properties.

Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

### Hazardous Combustion Products

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke).

### Extinguishing Media

SMALL FIRES: Any extinguisher suitable for Class B fires, dry chemical, CO<sub>2</sub>, water spray, fire fighting foam, and other gaseous agents.

LARGE FIRES: Water spray, fog or fire fighting foam. Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

### Unsuitable Extinguishing Media

None

### Fire Fighting Equipment/Instructions

Small fires in the incipient (beginning) stage may typically be extinguished using handheld portable fire extinguishers and other fire fighting equipment. Firefighting activities that may result in potential exposure to high heat, smoke or toxic by-products of combustion should require NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full facepiece and full protective clothing. Isolate area around container involved in fire. Cool tanks, shells, and containers exposed to fire and excessive heat with water. For massive fires the use of unmanned hose holders or monitor nozzles may be advantageous to further minimize personnel exposure. Major fires may require withdrawal, allowing the tank to burn. Large storage tank fires typically require specially trained personnel and equipment to extinguish the fire, often including the need for properly applied fire fighting foam.

## \* \* \* Section 6 - Accidental Release Measures \* \* \*

### Recovery and Neutralization

Carefully contain and stop the source of the spill, if safe to do so.

### Materials and Methods for Clean-Up

Take up with sand or other oil absorbing materials. Carefully shovel, scoop or sweep up into a waste container for reclamation or disposal. Caution, flammable vapors may accumulate in closed containers.

### Emergency Measures

Evacuate nonessential personnel and remove or secure all ignition sources. Consider wind direction; stay upwind and uphill, if possible. Evaluate the direction of product travel, diking, sewers, etc. to confirm spill areas. Spills may infiltrate subsurface soil and groundwater; professional assistance may be necessary to determine the extent of subsurface impact.

# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

## Personal Precautions and Protective Equipment

Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

## Environmental Precautions

Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material. The use of fire fighting foam may be useful in certain situations to reduce vapors. The proper use of water spray may effectively disperse product vapors or the liquid itself, preventing contact with ignition sources or areas/equipment that require protection.

## Prevention of Secondary Hazards

None

## \* \* \* Section 7 - Handling and Storage \* \* \*

### Handling Procedures

Handle as a combustible liquid. Keep away from heat, sparks, excessive temperatures and open flame! No smoking or open flame in storage, use or handling areas. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion.

Special slow load procedures for "switch loading" must be followed to avoid the static ignition hazard that can exist when higher flash point material (such as fuel oil) is loaded into tanks previously containing low flash point products (such as this product) - see API Publication 2003, "Protection Against Ignitions Arising Out Of Static, Lightning and Stray Currents."

### Storage Procedures

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. Empty product containers or vessels may contain explosive vapors. Do not pressurize, cut, heat, weld or expose such containers to sources of ignition.

Store in a well-ventilated area. This storage area should comply with NFPA 30 "Flammable and Combustible Liquid Code". Avoid storage near incompatible materials. The cleaning of tanks previously containing this product should follow API Recommended Practice (RP) 2013 "Cleaning Mobile Tanks In Flammable and Combustible Liquid Service" and API RP 2015 "Cleaning Petroleum Storage Tanks."

### Incompatibilities

Keep away from strong oxidizers.

## \* \* \* Section 8 - Exposure Controls / Personal Protection \* \* \*

### Component Exposure Limits

#### Fuels, diesel, no. 2 (68476-34-6)

ACGIH: 100 mg/m<sup>3</sup> TWA (inhalable fraction and vapor, as total hydrocarbons, listed under Diesel fuel)  
Skin - potential significant contribution to overall exposure by the cutaneous route (listed under Diesel fuel)

# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

## Naphthalene (91-20-3)

ACGIH: 10 ppm TWA  
15 ppm STEL  
Skin - potential significant contribution to overall exposure by the cutaneous route  
OSHA: 10 ppm TWA; 50 mg/m<sup>3</sup> TWA  
NIOSH: 10 ppm TWA; 50 mg/m<sup>3</sup> TWA  
15 ppm STEL; 75 mg/m<sup>3</sup> STEL

## Engineering Measures

Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

## Personal Protective Equipment: Respiratory

A NIOSH/MSHA-approved air-purifying respirator with organic vapor cartridges or canister may be permissible under certain circumstances where airborne concentrations are or may be expected to exceed exposure limits or for odor or irritation. Protection provided by air-purifying respirators is limited.

Use a positive pressure, air-supplied respirator if there is a potential for uncontrolled release, exposure levels are not known, in oxygen-deficient atmospheres, or any other circumstance where an air-purifying respirator may not provide adequate protection.

## Personal Protective Equipment: Hands

Gloves constructed of nitrile, neoprene, or PVC are recommended.

## Personal Protective Equipment: Eyes

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.

## Personal Protective Equipment: Skin and Body

Chemical protective clothing such as of E.I. DuPont TyChem®, Saranex® or equivalent recommended based on degree of exposure. Note: The resistance of specific material may vary from product to product as well as with degree of exposure. Consult manufacturer specifications for further information.

## \* \* \* Section 9 - Physical & Chemical Properties \* \* \*

<b>Appearance:</b>	Clear, straw-yellow.	<b>Odor:</b>	Mild, petroleum distillate odor
<b>Physical State:</b>	Liquid	<b>pH:</b>	ND
<b>Vapor Pressure:</b>	0.009 psia @ 70 °F (21 °C)	<b>Vapor Density:</b>	>1.0
<b>Boiling Point:</b>	320 to 690 °F (160 to 366 °C)	<b>Melting Point:</b>	ND
<b>Solubility (H<sub>2</sub>O):</b>	Negligible	<b>Specific Gravity:</b>	0.83-0.876 @ 60°F (16°C)
<b>Evaporation Rate:</b>	Slow; varies with conditions	<b>VOC:</b>	ND
<b>Percent Volatile:</b>	100%	<b>Octanol/H<sub>2</sub>O Coeff.:</b>	ND
<b>Flash Point:</b>	>125 °F (>52 °C) minimum	<b>Flash Point Method:</b>	PMCC
<b>Upper Flammability Limit (UFL):</b>	7.5	<b>Lower Flammability Limit (LFL):</b>	0.6
<b>Burning Rate:</b>	ND	<b>Auto Ignition:</b>	494°F (257°C)

## \* \* \* Section 10 - Chemical Stability & Reactivity Information \* \* \*

### Chemical Stability

This is a stable material.

### Hazardous Reaction Potential

Will not occur.

# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

## Conditions to Avoid

Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources.

## Incompatible Products

Keep away from strong oxidizers.

## Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke).

## \* \* \* Section 11 - Toxicological Information \* \* \*

### Acute Toxicity

#### A: General Product Information

Harmful if swallowed.

#### B: Component Analysis - LD50/LC50

##### Naphthalene (91-20-3)

Inhalation LC50 Rat >340 mg/m<sup>3</sup> 1 h; Oral LD50 Rat 490 mg/kg; Dermal LD50 Rat >2500 mg/kg; Dermal LD50 Rabbit >20 g/kg

### Potential Health Effects: Skin Corrosion Property/Stimulativeness

Practically non-toxic if absorbed following acute (single) exposure. May cause skin irritation with prolonged or repeated contact. Liquid may be absorbed through the skin in toxic amounts if large areas of skin are repeatedly exposed.

### Potential Health Effects: Eye Critical Damage/ Stimulativeness

Contact with eyes may cause mild irritation.

### Potential Health Effects: Ingestion

Ingestion may cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

### Potential Health Effects: Inhalation

Excessive exposure may cause irritations to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

WARNING: the burning of any hydrocarbon as a fuel in an area without adequate ventilation may result in hazardous levels of combustion products, including carbon monoxide, and inadequate oxygen levels, which may cause unconsciousness, suffocation, and death.

### Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any skin sensitization effects.

### Generative Cell Mutagenicity

This material has been positive in a mutagenicity study.

### Carcinogenicity

#### A: General Product Information

Suspected of causing cancer.

# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

Studies have shown that similar products produce skin tumors in laboratory animals following repeated applications without washing or removal. The significance of this finding to human exposure has not been determined. Other studies with active skin carcinogens have shown that washing the animal's skin with soap and water between applications reduced tumor formation.

## B: Component Carcinogenicity

### Fuels, diesel, no. 2 (68476-34-6)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Diesel fuel)

### Naphthalene (91-20-3)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

NTP: Reasonably Anticipated To Be A Human Carcinogen (Possible Select Carcinogen)

IARC: Monograph 82 [2002] (Group 2B (possibly carcinogenic to humans))

## Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

## Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any specific target organ general toxicity single exposure effects.

## Specified Target Organ General Toxicity: Repeated Exposure

This product is not reported to have any specific target organ general toxicity repeat exposure effects.

## Aspiration Respiratory Organs Hazard

The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

## \* \* \* Section 12 - Ecological Information \* \* \*

## Ecotoxicity

### A: General Product Information

Keep out of sewers, drainage areas and waterways. Report spills and releases, as applicable, under Federal and State regulations.

### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

#### Fuels, diesel, no. 2 (68476-34-6)

##### Test & Species

Test & Species	Conditions
96 Hr LC50 Pimephales promelas	35 mg/L [flow-through]

##### Conditions

#### Naphthalene (91-20-3)

##### Test & Species

Test & Species	Conditions
96 Hr LC50 Pimephales promelas	5.74-6.44 mg/L [flow-through]
96 Hr LC50 Oncorhynchus mykiss	1.6 mg/L [flow-through]
96 Hr LC50 Oncorhynchus mykiss	0.91-2.82 mg/L [static]
96 Hr LC50 Pimephales promelas	1.99 mg/L [static]

##### Conditions

# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

96 Hr LC50 Lepomis macrochirus	31.0265 mg/L [static]
72 Hr EC50 Skeletonema costatum	0.4 mg/L
48 Hr LC50 Daphnia magna	2.16 mg/L
48 Hr EC50 Daphnia magna	1.96 mg/L [Flow through]
48 Hr EC50 Daphnia magna	1.09 - 3.4 mg/L [Static]

## Persistence/Degradability

No information available.

## Bioaccumulation

No information available.

## Mobility in Soil

No information available.

### \*\*\* Section 13 - Disposal Considerations \*\*\*

## Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

### \*\*\* Section 14 - Transportation Information \*\*\*

## DOT Information

Shipping Name: Diesel Fuel

NA #: 1993 Hazard Class: 3 Packing Group: III

Placard:



### \*\*\* Section 15 - Regulatory Information \*\*\*

## Regulatory Information

### Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

#### Naphthalene (91-20-3)

CERCLA: 100 lb final RQ; 45.4 kg final RQ

#### SARA Section 311/312 – Hazard Classes

<u>Acute Health</u>	<u>Chronic Health</u>	<u>Fire</u>	<u>Sudden Release of Pressure</u>	<u>Reactive</u>
X	X	X	--	--



# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

## SARA SECTION 313 - SUPPLIER NOTIFICATION

This product may contain listed chemicals below the de minimis levels which therefore are not subject to the supplier notification requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372. If you may be required to report releases of chemicals listed in 40 CFR 372.28, you may contact Hess Corporate Safety if you require additional information regarding this product.

## State Regulations

### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Fuels, diesel, no. 2	68476-34-6	No	No	No	Yes	No	No
Naphthalene	91-20-3	Yes	Yes	Yes	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

### Additional Regulatory Information

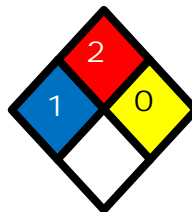
### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Fuels, diesel, no. 2	68476-34-6	Yes	DSL	EINECS
Naphthalene	91-20-3	Yes	DSL	EINECS

## \*\*\* Section 16 - Other Information \*\*\*

**NFPA® Hazard Rating**

Health	1
Fire	2
Reactivity	0



**HMIS® Hazard Rating**

Health	1*	Slight
Fire	2	Moderate
Physical	0	Minimal

\*Chronic

# Safety Data Sheet

Material Name: Diesel Fuel, All Types

SDS No. 9909

## Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; AS = Standards Australia; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EU = European Union; HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; IMO = International Maritime Organization; IATA = International Air Transport Association; MAK = Maximum Concentration Value in the Workplace; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NOHSC = National Occupational Health & Safety Commission; NTP = National Toxicology Program; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; TWA = Time Weighted Average

## Literature References

None

## Other Information

Information presented herein has been compiled from sources considered to be dependable, and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in their use of the material.

End of Sheet



# Safety Data Sheet

**Material Name: Gasoline All Grades**

**SDS No. 9950**  
US GHS

**Synonyms:** Hess Conventional (Oxygenated and Non-oxygenated) Gasoline; Reformulated Gasoline (RFG); Reformulated Gasoline Blendstock for Oxygenate Blending (RBOB); Unleaded Motor or Automotive Gasoline

## \*\*\* Section 1 - Product and Company Identification \*\*\*

### Manufacturer Information

Hess Corporation  
1 Hess Plaza  
Woodbridge, NJ 07095-0961

Phone: 732-750-6000 Corporate EHS  
Emergency # 800-424-9300 CHEMTREC  
[www.hess.com](http://www.hess.com) (Environment, Health, Safety Internet Website)

## \*\*\* Section 2 - Hazards Identification \*\*\*

### GHS Classification:

Flammable Liquid - Category 2  
Skin Corrosion/Irritation - Category 2  
Germ Cell Mutagenicity - Category 1B  
Carcinogenicity - Category 1B  
Toxic to Reproduction - Category 1A  
Specific Target Organ Toxicity (Single Exposure) - Category 3 (respiratory irritation, narcosis)  
Specific Target Organ Toxicity (Repeat Exposure) - Category 1 (liver, kidneys, bladder, blood, bone marrow, nervous system)  
Aspiration Hazard - Category 1  
Hazardous to the Aquatic Environment – Acute Hazard - Category 3

### GHS LABEL ELEMENTS

#### Symbol(s)



#### Signal Word

DANGER

#### Hazard Statements

Highly flammable liquid and vapour.  
Causes skin irritation.  
May cause genetic defects.  
May cause cancer.  
May damage fertility or the unborn child.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Causes damage to organs (liver, kidneys, bladder, blood, bone marrow, nervous system) through prolonged or repeated exposure.  
May be fatal if swallowed and enters airways.  
Harmful to aquatic life.

# Safety Data Sheet

Material Name: Gasoline All Grades

SDS No. 9950

## Precautionary Statements

### Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands and forearms thoroughly after handling.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe mist/vapours/spray.  
Use only outdoors or in well-ventilated area.  
Do not eat, drink or smoke when using this product.  
Avoid release to the environment.

### Response

In case of fire: Use water spray, fog, dry chemical fire extinguishers or hand held fire extinguisher.  
IF ON SKIN (or hair): Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.  
IF exposed or concerned: Get medical advice/attention.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.  
Get medical advice/attention if you feel unwell.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

### Storage

Store in a well-ventilated place.  
Keep cool. Keep container tightly closed.  
Store locked up.

### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

## \* \* \* Section 3 - Composition / Information on Ingredients \* \* \*

CAS #	Component	Percent
86290-81-5	Gasoline, motor fuel	100
108-88-3	Toluene	1-25
106-97-8	Butane	<10
1330-20-7	Xylenes (o-, m-, p- isomers)	1-15
95-63-6	Benzene, 1,2,4-trimethyl-	<6
64-17-5	Ethyl alcohol	0-10
100-41-4	Ethylbenzene	<3
71-43-2	Benzene	0.1-4.9

# Safety Data Sheet

Material Name: Gasoline All Grades

SDS No. 9950

110-54-3	Hexane	0.5-4
----------	--------	-------

A complex blend of petroleum-derived normal and branched-chain alkane, cycloalkane, alkene, and aromatic hydrocarbons. May contain antioxidant and multifunctional additives. Non-oxygenated Conventional Gasoline and RBOB do not have oxygenates (Ethanol). Oxygenated Conventional and Reformulated Gasoline will have oxygenates for octane enhancement or as legally required.

## \* \* \* Section 4 - First Aid Measures \* \* \*

### First Aid: Eyes

In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

### First Aid: Skin

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or with waterless hand cleanser. Obtain medical attention if irritation or redness develops.

### First Aid: Ingestion

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

### First Aid: Inhalation

Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

## \* \* \* Section 5 - Fire Fighting Measures \* \* \*

### General Fire Hazards

See Section 9 for Flammability Properties.

Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. Flowing product may be ignited by self-generated static electricity. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

### Hazardous Combustion Products

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke). Contact with nitric and sulfuric acids will form nitroresols that can decompose violently.

### Extinguishing Media

SMALL FIRES: Any extinguisher suitable for Class B fires, dry chemical, CO<sub>2</sub>, water spray, fire fighting foam, or gaseous extinguishing agent.

LARGE FIRES: Water spray, fog or fire fighting foam. Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

Firefighting foam suitable for polar solvents is recommended for fuel with greater than 10% oxygenate concentration.

### Unsuitable Extinguishing Media

None

# Safety Data Sheet

Material Name: Gasoline All Grades

SDS No. 9950

## Fire Fighting Equipment/Instructions

Small fires in the incipient (beginning) stage may typically be extinguished using handheld portable fire extinguishers and other fire fighting equipment. Firefighting activities that may result in potential exposure to high heat, smoke or toxic by-products of combustion should require NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full facepiece and full protective clothing. Isolate area around container involved in fire. Cool tanks, shells, and containers exposed to fire and excessive heat with water. For massive fires the use of unmanned hose holders or monitor nozzles may be advantageous to further minimize personnel exposure. Major fires may require withdrawal, allowing the tank to burn. Large storage tank fires typically require specially trained personnel and equipment to extinguish the fire, often including the need for properly applied fire fighting foam.

## \* \* \* Section 6 - Accidental Release Measures \* \* \*

### Recovery and Neutralization

Carefully contain and stop the source of the spill, if safe to do so.

### Materials and Methods for Clean-Up

Take up with sand or other oil absorbing materials. Carefully shovel, scoop or sweep up into a waste container for reclamation or disposal. Caution, flammable vapors may accumulate in closed containers.

### Emergency Measures

Evacuate nonessential personnel and remove or secure all ignition sources. Consider wind direction; stay upwind and uphill, if possible. Evaluate the direction of product travel, diking, sewers, etc. to confirm spill areas. Spills may infiltrate subsurface soil and groundwater; professional assistance may be necessary to determine the extent of subsurface impact.

### Personal Precautions and Protective Equipment

Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

### Environmental Precautions

Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material. The use of fire fighting foam may be useful in certain situations to reduce vapors. The proper use of water spray may effectively disperse product vapors or the liquid itself, preventing contact with ignition sources or areas/equipment that require protection.

### Prevention of Secondary Hazards

None

## \* \* \* Section 7 - Handling and Storage \* \* \*

### Handling Procedures

USE ONLY AS A MOTOR FUEL.  
DO NOT SIPHON BY MOUTH

Handle as a flammable liquid. Keep away from heat, sparks, and open flame! Electrical equipment should be approved for classified area. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion.

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Special slow load procedures for "switch loading" must be followed to avoid the static ignition hazard that can exist when higher flash point material (such as fuel oil) is loaded into tanks previously containing low flash point products (such as this product) - see API Publication 2003, "Protection Against Ignitions Arising Out Of Static, Lightning and Stray Currents."

## Storage Procedures

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. Empty product containers or vessels may contain explosive vapors. Do not pressurize, cut, heat, weld or expose such containers to sources of ignition.

Store in a well-ventilated area. This storage area should comply with NFPA 30 "Flammable and Combustible Liquid Code". Avoid storage near incompatible materials. The cleaning of tanks previously containing this product should follow API Recommended Practice (RP) 2013 "Cleaning Mobile Tanks In Flammable and Combustible Liquid Service" and API RP 2015 "Cleaning Petroleum Storage Tanks".

## Incompatibilities

Keep away from strong oxidizers.

## \* \* \* Section 8 - Exposure Controls / Personal Protection \* \* \*

### Component Exposure Limits

#### Gasoline, motor fuel (86290-81-5)

ACGIH: 300 ppm TWA  
500 ppm STEL

#### Toluene (108-88-3)

ACGIH: 20 ppm TWA  
OSHA: 200 ppm TWA; 375 mg/m<sup>3</sup> TWA  
150 ppm STEL; 560 mg/m<sup>3</sup> STEL  
NIOSH: 100 ppm TWA; 375 mg/m<sup>3</sup> TWA  
150 ppm STEL; 560 mg/m<sup>3</sup> STEL

#### Butane (106-97-8)

ACGIH: 1000 ppm TWA (listed under Aliphatic hydrocarbon gases: Alkane C1-4)  
OSHA: 800 ppm TWA; 1900 mg/m<sup>3</sup> TWA  
NIOSH: 800 ppm TWA; 1900 mg/m<sup>3</sup> TWA

#### Xylenes (o-, m-, p- isomers) (1330-20-7)

ACGIH: 100 ppm TWA  
150 ppm STEL  
OSHA: 100 ppm TWA; 435 mg/m<sup>3</sup> TWA  
150 ppm STEL; 655 mg/m<sup>3</sup> STEL

#### Benzene, 1,2,4-trimethyl- (95-63-6)

NIOSH: 25 ppm TWA; 125 mg/m<sup>3</sup> TWA

#### Ethyl alcohol (64-17-5)

ACGIH: 1000 ppm STEL  
OSHA: 1000 ppm TWA; 1900 mg/m<sup>3</sup> TWA  
NIOSH: 1000 ppm TWA; 1900 mg/m<sup>3</sup> TWA

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## Ethylbenzene (100-41-4)

ACGIH: 20 ppm TWA  
OSHA: 100 ppm TWA; 435 mg/m<sup>3</sup> TWA  
125 ppm STEL; 545 mg/m<sup>3</sup> STEL  
NIOSH: 100 ppm TWA; 435 mg/m<sup>3</sup> TWA  
125 ppm STEL; 545 mg/m<sup>3</sup> STEL

## Benzene (71-43-2)

ACGIH: 0.5 ppm TWA  
2.5 ppm STEL  
Skin - potential significant contribution to overall exposure by the cutaneous route  
OSHA: 5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA  
NIOSH: 0.1 ppm TWA  
1 ppm STEL

## Hexane (110-54-3)

ACGIH: 50 ppm TWA  
Skin - potential significant contribution to overall exposure by the cutaneous route  
OSHA: 500 ppm TWA; 1800 mg/m<sup>3</sup> TWA  
NIOSH: 50 ppm TWA; 180 mg/m<sup>3</sup> TWA

## Engineering Measures

Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

## Personal Protective Equipment: Respiratory

A NIOSH/MSHA-approved air-purifying respirator with organic vapor cartridges or canister may be permissible under certain circumstances where airborne concentrations are or may be expected to exceed exposure limits or for odor or irritation. Protection provided by air-purifying respirators is limited.

Use a positive pressure, air-supplied respirator if there is a potential for uncontrolled release, exposure levels are not known, in oxygen-deficient atmospheres, or any other circumstance where an air-purifying respirator may not provide adequate protection.

## Personal Protective Equipment: Hands

Gloves constructed of nitrile, neoprene, or PVC are recommended.

## PERSONAL PROTECTIVE EQUIPMENT

### Personal Protective Equipment: Eyes

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.

### Personal Protective Equipment: Skin and Body

Chemical protective clothing such as of E.I. DuPont TyChem®, Saranex® or equivalent recommended based on degree of exposure. Note: The resistance of specific material may vary from product to product as well as with degree of exposure. Consult manufacturer specifications for further information.



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## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Translucent, straw-colored or light yellow	<b>Odor:</b>	Strong, characteristic aromatic hydrocarbon odor. Sweet-ether like
<b>Physical State:</b>	Liquid	<b>pH:</b>	ND
<b>Vapor Pressure:</b>	6.4 - 15 RVP @ 100 °F (38 °C) (275-475 mm Hg @ 68 °F (20 °C)	<b>Vapor Density:</b>	AP 3-4
<b>Boiling Point:</b>	85-437 °F (39-200 °C)	<b>Melting Point:</b>	ND
<b>Solubility (H2O):</b>	Negligible to Slight	<b>Specific Gravity:</b>	0.70-0.78
<b>Evaporation Rate:</b>	10-11	<b>VOC:</b>	ND
<b>Percent Volatile:</b>	100%	<b>Octanol/H2O Coeff.:</b>	ND
<b>Flash Point:</b>	-45 °F (-43 °C)	<b>Flash Point Method:</b>	PMCC
<b>Upper Flammability Limit (UFL):</b>	7.6%	<b>Lower Flammability Limit (LFL):</b>	1.4%
<b>Burning Rate:</b>	ND	<b>Auto Ignition:</b>	>530°F (>280°C)

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Hazardous Reaction Potential

Will not occur.

### Conditions to Avoid

Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources.

### Incompatible Products

Keep away from strong oxidizers.

### Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke). Contact with nitric and sulfuric acids will form nitrocresols that can decompose violently.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Toxicity

#### A: General Product Information

Harmful if swallowed.

#### B: Component Analysis - LD50/LC50

##### Gasoline, motor fuel (86290-81-5)

Inhalation LC50 Rat >5.2 mg/L 4 h; Oral LD50 Rat 14000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

##### Toluene (108-88-3)

Inhalation LC50 Rat 12.5 mg/L 4 h; Inhalation LC50 Rat >26700 ppm 1 h; Oral LD50 Rat 636 mg/kg; Dermal LD50 Rabbit 8390 mg/kg; Dermal LD50 Rat 12124 mg/kg

##### Butane (106-97-8)

Inhalation LC50 Rat 658 mg/L 4 h

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## Xylenes (o-, m-, p- isomers) (1330-20-7)

Inhalation LC50 Rat 5000 ppm 4 h; Inhalation LC50 Rat 47635 mg/L 4 h; Oral LD50 Rat 4300 mg/kg; Dermal LD50 Rabbit >1700 mg/kg

## Benzene, 1,2,4-trimethyl- (95-63-6)

Inhalation LC50 Rat 18 g/m<sup>3</sup> 4 h; Oral LD50 Rat 3400 mg/kg; Dermal LD50 Rabbit >3160 mg/kg

## Ethyl alcohol (64-17-5)

Oral LD50 Rat 7060 mg/kg; Inhalation LC50 Rat 124.7 mg/L 4 h

## Ethylbenzene (100-41-4)

Inhalation LC50 Rat 17.2 mg/L 4 h; Oral LD50 Rat 3500 mg/kg; Dermal LD50 Rabbit 15354 mg/kg

## Benzene (71-43-2)

Inhalation LC50 Rat 13050-14380 ppm 4 h; Oral LD50 Rat 1800 mg/kg

## Hexane (110-54-3)

Inhalation LC50 Rat 48000 ppm 4 h; Oral LD50 Rat 25 g/kg; Dermal LD50 Rabbit 3000 mg/kg

## Potential Health Effects: Skin Corrosion Property/Stimulativeness

Practically non-toxic if absorbed following acute (single) exposure. May cause skin irritation with prolonged or repeated contact. Liquid may be absorbed through the skin in toxic amounts if large areas of skin are repeatedly exposed.

## Potential Health Effects: Eye Critical Damage/ Stimulativeness

Moderate irritant. Contact with liquid or vapor may cause irritation.

## Potential Health Effects: Ingestion

Ingestion may cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

## Potential Health Effects: Inhalation

Excessive exposure may cause irritations to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

WARNING: the burning of any hydrocarbon as a fuel in an area without adequate ventilation may result in hazardous levels of combustion products, including carbon monoxide, and inadequate oxygen levels, which may cause unconsciousness, suffocation, and death.

## Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any skin sensitization effects.

## Generative Cell Mutagenicity

This product may cause genetic defects.

## Carcinogenicity

### A: General Product Information

May cause cancer.

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IARC has determined that gasoline and gasoline exhaust are possibly carcinogenic in humans. Inhalation exposure to completely vaporized unleaded gasoline caused kidney cancers in male rats and liver tumors in female mice. The U.S. EPA has determined that the male kidney tumors are species-specific and are irrelevant for human health risk assessment. The significance of the tumors seen in female mice is not known. Exposure to light hydrocarbons in the same boiling range as this product has been associated in animal studies with effects to the central and peripheral nervous systems, liver, and kidneys. The significance of these animal models to predict similar human response to gasoline is uncertain.

This product contains benzene. Human health studies indicate that prolonged and/or repeated overexposure to benzene may cause damage to the blood-forming system (particularly bone marrow), and serious blood disorders such as aplastic anemia and leukemia. Benzene is listed as a human carcinogen by the NTP, IARC, OSHA and ACGIH.

## **B: Component Carcinogenicity**

### **Gasoline, motor fuel (86290-81-5)**

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

### **Toluene (108-88-3)**

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 71 [1999]; Monograph 47 [1989] (Group 3 (not classifiable))

### **Xylenes (o-, m-, p- isomers) (1330-20-7)**

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 71 [1999]; Monograph 47 [1989] (Group 3 (not classifiable))

### **Ethyl alcohol (64-17-5)**

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

IARC: Monograph 100E [in preparation] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages) (Group 1 (carcinogenic to humans))

### **Ethylbenzene (100-41-4)**

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

IARC: Monograph 77 [2000] (Group 2B (possibly carcinogenic to humans))

### **Benzene (71-43-2)**

ACGIH: A1 - Confirmed Human Carcinogen

OSHA: 5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA

NIOSH: potential occupational carcinogen

NTP: Known Human Carcinogen (Select Carcinogen)

IARC: Monograph 100F [in preparation]; Supplement 7 [1987]; Monograph 29 [1982] (Group 1 (carcinogenic to humans))

## **Reproductive Toxicity**

This product is suspected of damaging fertility or the unborn child.

## **Specified Target Organ General Toxicity: Single Exposure**

This product may cause drowsiness or dizziness.

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## Specified Target Organ General Toxicity: Repeated Exposure

This product causes damage to organs through prolonged or repeated exposure.

## Aspiration Respiratory Organs Hazard

The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

## \* \* \* Section 12 - Ecological Information \* \* \*

### Ecotoxicity

#### A: General Product Information

Very toxic to aquatic life with long lasting effects. Keep out of sewers, drainage areas and waterways. Report spills and releases, as applicable, under Federal and State regulations.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

##### Gasoline, motor fuel (86290-81-5)

Test & Species	Conditions
96 Hr LC50 Alburnus alburnus	119 mg/L [static]
96 Hr LC50 Cyprinodon variegatus	82 mg/L [static]
72 Hr EC50 Pseudokirchneriella subcapitata	56 mg/L
24 Hr EC50 Daphnia magna	170 mg/L

##### Toluene (108-88-3)

Test & Species	Conditions	
96 Hr LC50 Pimephales promelas	15.22-19.05 mg/L [flow-through]	1 day old
96 Hr LC50 Pimephales promelas	12.6 mg/L [static]	
96 Hr LC50 Oncorhynchus mykiss	5.89-7.81 mg/L [flow-through]	
96 Hr LC50 Oncorhynchus mykiss	14.1-17.16 mg/L [static]	
96 Hr LC50 Oncorhynchus mykiss	5.8 mg/L [semi-static]	
96 Hr LC50 Lepomis macrochirus	11.0-15.0 mg/L [static]	
96 Hr LC50 Oryzias latipes	54 mg/L [static]	
96 Hr LC50 Poecilia reticulata	28.2 mg/L [semi-static]	
96 Hr LC50 Poecilia reticulata	50.87-70.34 mg/L [static]	
96 Hr EC50 Pseudokirchneriella subcapitata	>433 mg/L	
72 Hr EC50 Pseudokirchneriella subcapitata	12.5 mg/L [static]	
48 Hr EC50 Daphnia magna	5.46 - 9.83 mg/L [Static]	
48 Hr EC50 Daphnia magna	11.5 mg/L	

##### Xylenes (o-, m-, p- isomers) (1330-20-7)

Test & Species	Conditions
96 Hr LC50 Pimephales promelas	13.4 mg/L [flow-through]

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96 Hr LC50 Oncorhynchus mykiss	2.661-4.093 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	13.5-17.3 mg/L
96 Hr LC50 Lepomis macrochirus	13.1-16.5 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	19 mg/L
96 Hr LC50 Lepomis macrochirus	7.711-9.591 mg/L [static]
96 Hr LC50 Pimephales promelas	23.53-29.97 mg/L [static]
96 Hr LC50 Cyprinus carpio	780 mg/L [semi- static]
96 Hr LC50 Cyprinus carpio	>780 mg/L
96 Hr LC50 Poecilia reticulata	30.26-40.75 mg/L [static]
48 Hr EC50 water flea	3.82 mg/L
48 Hr LC50 Gammarus lacustris	0.6 mg/L

## **Benzene, 1,2,4-trimethyl- (95-63-6)**

### **Test & Species**

### **Conditions**

96 Hr LC50 Pimephales promelas	7.19-8.28 mg/L [flow-through]
48 Hr EC50 Daphnia magna	6.14 mg/L

## **Ethyl alcohol (64-17-5)**

### **Test & Species**

### **Conditions**

96 Hr LC50 Oncorhynchus mykiss	12.0 - 16.0 mL/L [static]
96 Hr LC50 Pimephales promelas	>100 mg/L [static]
96 Hr LC50 Pimephales promelas	13400 - 15100 mg/L [flow-through]
48 Hr LC50 Daphnia magna	9268 - 14221 mg/L
24 Hr EC50 Daphnia magna	10800 mg/L
48 Hr EC50 Daphnia magna	2 mg/L [Static]

## **Ethylbenzene (100-41-4)**

### **Test & Species**

### **Conditions**

96 Hr LC50 Oncorhynchus mykiss	11.0-18.0 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	4.2 mg/L [semi- static]
96 Hr LC50 Pimephales promelas	7.55-11 mg/L [flow- through]
96 Hr LC50 Lepomis macrochirus	32 mg/L [static]
96 Hr LC50 Pimephales promelas	9.1-15.6 mg/L [static]
96 Hr LC50 Poecilia reticulata	9.6 mg/L [static]
72 Hr EC50 Pseudokirchneriella subcapitata	4.6 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata	>438 mg/L
72 Hr EC50 Pseudokirchneriella subcapitata	2.6 - 11.3 mg/L [static]

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96 Hr EC50 Pseudokirchneriella subcapitata	1.7 - 7.6 mg/L [static]
48 Hr EC50 Daphnia magna	1.8 - 2.4 mg/L

## Benzene (71-43-2)

### Test & Species

### Conditions

96 Hr LC50 Pimephales promelas	10.7-14.7 mg/L [flow-through]
96 Hr LC50 Oncorhynchus mykiss	5.3 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	22.49 mg/L [static]
96 Hr LC50 Poecilia reticulata	28.6 mg/L [static]
96 Hr LC50 Pimephales promelas	22330-41160 µg/L [static]
96 Hr LC50 Lepomis macrochirus	70000-142000 µg/L [static]
72 Hr EC50 Pseudokirchneriella subcapitata	29 mg/L
48 Hr EC50 Daphnia magna	8.76 - 15.6 mg/L [Static]
48 Hr EC50 Daphnia magna	10 mg/L

## Hexane (110-54-3)

### Test & Species

### Conditions

96 Hr LC50 Pimephales promelas	2.1-2.98 mg/L [flow-through]
24 Hr EC50 Daphnia magna	>1000 mg/L

## Persistence/Degradability

No information available.

## Bioaccumulation

No information available.

## Mobility in Soil

No information available.

## \* \* \* Section 13 - Disposal Considerations \* \* \*

## Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

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## \*\*\* Section 14 - Transportation Information \*\*\*

### Component Marine Pollutants

This material contains one or more of the following chemicals required by US DOT to be identified as marine pollutants.

Component	CAS #	
Gasoline, motor fuel	86290-81-5	DOT regulated marine pollutant

### DOT Information

Shipping Name: Gasoline

UN #: 1203 Hazard Class: 3 Packing Group: II

Placard:



## \*\*\* Section 15 - Regulatory Information \*\*\*

### Regulatory Information

#### A: Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

##### Toluene (108-88-3)

SARA 313: 1.0 % de minimis concentration  
CERCLA: 1000 lb final RQ; 454 kg final RQ

##### Xylenes (o-, m-, p- isomers) (1330-20-7)

SARA 313: 1.0 % de minimis concentration  
CERCLA: 100 lb final RQ; 45.4 kg final RQ

##### Benzene, 1,2,4-trimethyl- (95-63-6)

SARA 313: 1.0 % de minimis concentration

##### Ethylbenzene (100-41-4)

SARA 313: 0.1 % de minimis concentration  
CERCLA: 1000 lb final RQ; 454 kg final RQ

##### Benzene (71-43-2)

SARA 313: 0.1 % de minimis concentration  
CERCLA: 10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)

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## Hexane (110-54-3)

SARA 313: 1.0 % de minimis concentration

CERCLA: 5000 lb final RQ; 2270 kg final RQ

## SARA Section 311/312 – Hazard Classes

Acute Health

X

Chronic Health

X

Fire

X

Sudden Release of Pressure

--

Reactive

--

## Component Marine Pollutants

This material contains one or more of the following chemicals required by US DOT to be identified as marine pollutants.

Component	CAS #	
Gasoline, motor fuel	86290-81-5	DOT regulated marine pollutant

## State Regulations

### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Gasoline, motor fuel	86290-81-5	No	No	No	No	Yes	No
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	No
Butane	106-97-8	Yes	Yes	Yes	Yes	Yes	No
Xylenes (o-, m-, p- isomers)	1330-20-7	Yes	Yes	Yes	Yes	Yes	No
Benzene, 1,2,4-trimethyl-	95-63-6	No	Yes	Yes	Yes	Yes	No
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes	No
Ethylbenzene	100-41-4	Yes	Yes	Yes	Yes	Yes	No
Benzene	71-43-2	Yes	Yes	Yes	Yes	Yes	No
Hexane	110-54-3	No	Yes	Yes	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.



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## Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Toluene	108-88-3	1 %
Butane	106-97-8	1 %
Benzene, 1,2,4-trimethyl-	95-63-6	0.1 %
Ethyl alcohol	64-17-5	0.1 %
Ethylbenzene	100-41-4	0.1 %
Benzene	71-43-2	0.1 %
Hexane	110-54-3	1 %

## Additional Regulatory Information

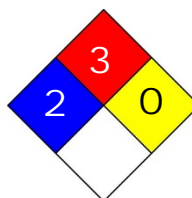
## Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Gasoline, motor fuel	86290-81-5	No	DSL	EINECS
Toluene	108-88-3	Yes	DSL	EINECS
Butane	106-97-8	Yes	DSL	EINECS
Xylenes (o-, m-, p- isomers)	1330-20-7	Yes	DSL	EINECS
Benzene, 1,2,4-trimethyl-	95-63-6	Yes	DSL	EINECS
Ethyl alcohol	64-17-5	Yes	DSL	EINECS
Ethylbenzene	100-41-4	Yes	DSL	EINECS
Benzene	71-43-2	Yes	DSL	EINECS
Hexane	110-54-3	Yes	DSL	EINECS

## \*\*\* Section 16 - Other Information \*\*\*

**NFPA® Hazard Rating**

Health	2
Fire	3
Reactivity	0



**HMIS® Hazard Rating**

Health	2	Moderate
Fire	3	Serious
Physical	0	Minimal

\*Chronic

## Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

## Literature References

None

# Safety Data Sheet

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## Other Information


Information presented herein has been compiled from sources considered to be dependable, and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in their use of the material.

End of Sheet

NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY	
0	Least			Not regulated by the U.S. DOT as a hazardous material. See Section 14 for additional information.	
1	Slight	2	Health		
2	Moderate	0	Flammability		
3	High	0	Reactivity		
4	Severe				

SECTION 1: IDENTIFICATION	
<b>Product Name:</b>	Gulfstream™
<b>EPA Registration #:</b>	Exempt
<b>Product ID/Unity #:</b>	1483831, 1483832, 1483833
<b>Common Name:</b>	Non-ionic surfactant blend
<b>Chemical Description:</b>	Non-ionic surfactant blend
<b>Recommended Uses:</b>	Adjuvant product. See product label for complete list of recommended uses and use sites.
<b>Restrictions for Use:</b>	See product label for information regarding restrictions on the use of this product.
<b>Manufactured For:</b> WINFIELD SOLUTIONS, LLC P. O. Box 64589 St. Paul, MN 55164-0589	<b>MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24hrs)</b>  <b>Non-Emergency Business Inquiries: 1-855-494-6343</b> Mon – Fri 8am – 5pm (Central Standard Time)
<b>FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300 (24 hours)</b>	

SECTION 2: HAZARDS IDENTIFICATION	
<b>EMERGENCY OVERVIEW:</b> Viscous brown liquid with slightly fatty acid odor. Prolonged contact may be irritating to eyes and skin. Vapors or mist may be irritating and cause discomfort in nose and throat. May be toxic if swallowed.	
<b>POTENTIAL HEALTH EFFECTS:</b> <b>Eyes:</b> May cause severe eye irritation upon direct contact. <b>Skin:</b> Prolonged contact with skin may cause drying and irritation. <b>Inhalation:</b> Inhalation of high mist concentration may cause headaches and dizziness. <b>Ingestion:</b> Harmful if swallowed. <b>Preexisting Conditions:</b> Preexisting respiratory conditions may be aggravated by exposure to mist. <b>Chronic Health Effects:</b> None known	
<b>Carcinogenicity</b>	NTP: Not listed                      IARC: Not listed                      OSHA: Not listed
<b>OSHA HCS 2012 CLASSIFICATION:</b> Eye Irritation Category 2B; Skin Irritation Category 2; Acute Inhalation Category 4	
<b>SIGNAL WORD:</b> WARNING	
<b>HAZARD STATEMENTS:</b> Causes eye irritation. Causes skin irritation. Harmful if inhaled.	
<b>Percent of product with unknown toxicity:</b> 72%	
<b>PRECAUTIONARY STATEMENTS:</b> <b>Prevention:</b> Wash hands thoroughly after handling. Wear protective gloves. Avoid breathing mist, vapors or spray. Use only outdoors or in a well-ventilated area.	

Continued on next page

**Response:** **If in eyes:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **If on skin:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.  
**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a poison control center (1-877-424-7452) or doctor for treatment advice if you feel unwell.

**Storage:** See section 7 for storage information.  
**Disposal:** See section 13 for disposal information.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>% (wt)</b>	<b>CAS Reg. #</b>
Alkylaryl polyethoxyethanol (contains)	<72.0%	*
Nonylphenol ethoxylate		9016-45-9
Diethylene glycol		111-46-6
Butyl glycol ether	<9.0%	111-76-2
Oleic acid	<9.0%	112-80-1
Phosphoric acid	<4.5%	7664-38-2

\*Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(i).  
 See Section 8 for exposure limits.

**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. See medical attention immediately.

**Ingestion:** Seek medical attention or call a poison control center immediately for treatment advice. Do not induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Eyes:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if eye irritation occurs.

**Skin:** Remove contaminated clothing and wash before re-using. Flush skin with water and then wash with soap and water. Seek medical attention if skin irritation persists.

**SECTION 5: FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Use dry chemical, foam, carbon dioxide (CO2) water spray or water fog.  
**Unsuitable Extinguishing Media:** Water jet  
**Special Fire Fighting Procedures:** Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Avoid breathing vapors; keep upwind. Use water spray to cool fire-exposed containers and to protect personnel.  
**Hazardous Combustion Products:** Carbon oxides, Oxides of phosphorous and phosphine  
**Unusual Fire and Explosion Hazards:** None known

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.  
**Environmental Precautions:** Keep spilled product and any rinse water from entering sewers or waterways.  
**Methods for Containment:** Contain spilled product by diking area with sand or earth.  
**Methods for Clean-up:** Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop, or sweep up material and place in a container for disposal. Do not place spilled material back in original container.  
**Other Information:** None known

**SECTION 7: HANDLING AND STORAGE**

**Handling:** Ensure adequate ventilation during handling and use. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**Storage:** Store in cool, dry areas away from children, food and feed products in an area away from incompatible substances. Protect packaging from physical damage. Protect from exposure to fire. Maintain product above minimum storage temperature.

**Minimum Storage Temperature:** 32°F

**Other Precautions:** Consult Federal, state and local laws and regulations pertaining to storage.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Component:	OSHA PEL	ACGIH TLV	NIOSH REL
Butyl glycol ether (CAS #111-76-2)	50 ppm/240 mg/m <sup>3</sup> TWA	20 ppm TWA	5 ppm/24 mg/m <sup>3</sup> TWA
Phosphoric acid (CAS #7664-38-2)	1 mg/m <sup>3</sup> TWA 3 mg/m <sup>3</sup> STEL	1 mg/m <sup>3</sup> TWA 3 ppm STEL	1 mg/m <sup>3</sup> TWA 3 mg/m <sup>3</sup> STEL

**Respiratory Protection:** For most well-ventilated conditions, no respiratory protection should be needed. If airborne concentrations exceed exposure limits, use a NIOSH approved air-purifying respirator with cartridges/canisters approved for use against organic vapors.

**Engineering Controls:** **Local Exhaust:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

**Protective Gloves:** This product can cause skin irritation. Wear chemically protective gloves to prevent exposure to skin.

**Eye Protection:** To avoid contact with eyes, wear chemical safety goggles or safety glasses and full face shield. Contact lenses are not protective eye devices. An emergency eyewash or water supply should be readily accessible to the work area.

**Other Protective Clothing or Equipment:** Wear long-sleeve shirt, long pants and shoes plus socks to prevent prolonged or repeated skin contact.

**Work/Hygienic Practices:** Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid	<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.05 (+/- 0.05)
<b>Vapor Pressure (mm Hg):</b>	Not determined	<b>Density (lbs/gallon):</b>	8.35 – 9.18 lbs/gallon
<b>Vapor Density (Air=1):</b>	Not determined	<b>Melting Point/Freezing Point:</b>	Not determined
<b>Solubility in Water (wt %):</b>	Complete, hazy	<b>Boiling Point/Range:</b>	Not determined
<b>Viscosity:</b>	Not determined	<b>pH:</b>	3 – 4 (0.5%)
<b>Appearance and odor:</b>	Viscous brown liquid with slightly fatty acid odor.	<b>Flash Point:</b>	>200°F (TCC)

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** None known

**Chemical Stability:** Product is stable at ambient temperature and pressure, under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Will not occur.

**Conditions to Avoid:** Extended exposure to high temperatures.

**Incompatible Materials:** Strong acids and strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide and other hazardous gases

**SECTION 11: TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

<b>Eye Effects:</b>	Can cause moderate to severe eye irritation.
<b>Skin Effects:</b>	Can cause mild to moderate skin irritation.
<b>Acute Inhalation Effects:</b>	May be harmful if inhaled
<b>Acute Oral Effects:</b>	Harmful if swallowed.
<b>Specific Target Organ Toxicity:</b>	Not determined

*Continued on next page*

**CHRONIC TOXICITY**

**Chronic Effects:** Not determined  
**Carcinogenicity:** Not determined  
**Mutagenicity:** Not determined  
**Teratogenicity:** Not determined  
**Reproductive Toxicity:** Not determined

**POTENTIAL HEALTH EFFECTS:**

**Eyes:** May cause severe eye irritation upon direct contact.  
**Skin:** Prolonged contact with skin may cause drying and irritation.  
**Inhalation:** Inhalation of high mist concentration may cause headaches and dizziness.  
**Ingestion:** Harmful if swallowed.

**SECTION 12: ECOLOGICAL INFORMATION**

**ENVIRONMENTAL SUMMARY:** This product is moderately toxic to aquatic organisms.

**ECOTOXICITY DATA:**

**Fish Acute and Prolonged Toxicity:** Fathead minnow 96 hr NOEC <12.5 mg/L; EC50 = 17.5 mg/L  
 Rainbow trout 96 hr NOEC = 5 mg/L; EC50 7.5 mg/L  
**Aquatic Invertebrate Acute Toxicity:** *Daphnia magna* 48 hr NOEC = 12.5 mg/L at 24 hours and 6.25 mg/L at 48 hours;  
 EC50 = 23.438 at 24 hours and 17.188 at 48 hours  
**Aquatic Plant Toxicity:** Not determined  
**Bird Acute and Prolonged Toxicity:** Not determined  
**Honeybee Toxicity:** Not determined

**ENVIRONMENTAL EFFECTS:**

**Soil Absorption/Mobility:** Not determined  
**Persistence and degradability:** Not determined  
**Bioaccumulative Potential:** Not determined  
**Other adverse effects:** Not determined

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste:** Dispose of in accordance with applicable Federal, state and local laws and regulations.  
**Container:** Triple rinse and recycle the container or dispose of in accordance with Federal, state and local laws and regulations.  
**RCRA Characteristics:** It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

**SECTION 14: TRANSPORT INFORMATION**

**DOT:** This product is not regulated by the U.S. Department of Transportation as a hazardous material for ground  
**(Ground)** shipment.  
**IMDG:** Not determined  
**(Sea)**  
**IATA:** Not determined  
**(Air)**  
**TDG:** Not determined  
**(Canada)**

**SECTION 15: REGULATORY INFORMATION**

**TSCA Inventory:** The following components are listed on the TSCA inventory: Butyl glycol ether (CAS #111-76-2), Phosphoric acid (CAS#7664-38-2), Oleic acid (CAS #112-80-1), Nonylphenol ethoxylate (CAS #9016-45-9), Diethylene glycol (CAS #111-46-6)  
**SARA Title III Information:**  
**Section 302 – Extremely hazardous substances:** None listed  
**Section 311/312 – Hazard Categories:** Acute

Continued on next page

**Section 313** – The following chemicals are subject to the reporting requirements of Section 313 of Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372:

Butyl glycol ether (CAS #111-76-2)

**CERCLA** – This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):

None listed

**California Proposition 65:** WARNING: This product contains a chemical known to the state of California to cause cancer or reproductive harm.

**U.S. State Worker and Community Right-To-Know (RTK) Information (CT, IL, MA, MN, NH, NJ, PA, RI):**

<b>Chemical Name</b>	<b>CAS #</b>	<b>State(s)</b>
Butyl glycol ether	111-76-2	MA, NJ, PA
Oleic acid	112-80-1	NJ, PA
Phosphoric acid	7664-38-2	MA, NJ, PA
Diethylene glycol	111-46-6	PA

**Canadian Domestic Substances List:** Not determined

**WHMIS Classification:** This product is not registered for use in Canada. WHMIS classification is not determined.

**SECTION 16: OTHER**

**Disclaimer:** The information presented herein is based on available data from reliable sources and is correct to the best of WinField Solutions' knowledge. WinField Solutions, LLC makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

**Revision Date:** July 11, 2013      **Supersedes document dated:** Not applicable – new document

**Sections Revised:** Not applicable – new document

**SAFETY DATA SHEET**  
**LESCO® CrossCheck® EZ Granular Insecticide**  
**featuring Verge™ Granule Technology**

**SDS # :** 6584-1-A  
**Revision date:** 2015-04-10  
**Format:** NA  
**Version** 1.01



## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name**                      LESCO® CrossCheck® EZ Granular Insecticide  
featuring Verge™ Granule Technology

### Other means of identification

**Product Code(s)**                      6584-1-A

**Synonyms**                              BIFENTHRIN: (2-methyl[1,1'-biphenyl]-3-yl)methyl  
3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate (CAS name);  
2-methylbiphenyl-3-ylmethyl  
(Z)-(1RS)-cis-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate  
(IUPAC name)

**Active Ingredient(s)**                      Bifenthrin

**Chemical Family**                        Pyrethroid Pesticide

### Recommended use of the chemical and restrictions on use

**Recommended Use:**                      Pesticide

**Restrictions on Use:**                      Use as recommended by the label

### Manufacturer Address

LESCO, Inc.  
1385 East 36th Street  
Cleveland, OH 44114  
(800) 347-4272 (General Information)  
www.lesco.com

### Emergency telephone number

For leak, fire, spill or accident emergencies, call:  
1 800 / 424 9300 (CHEMTREC - U.S.A.)  
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)  
Medical Emergencies:  
1 800 / 331-3148 (PROSAR - U.S.A. & Canada)  
1 651 / 632-6793 (PROSAR - All Other Countries - Collect)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)



**LESCO® CrossCheck® EZ Granular Insecticide**  
**featuring Verge™ Granule Technology**

**SDS # : 6584-1-A**  
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**Version 1.01**


Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 1

**GHS Label elements, including precautionary statements**

**EMERGENCY OVERVIEW**

**Danger**

**Hazard Statements**  
H350 - May cause cancer  
H370 - Causes damage to organs  
H372 - Causes damage to organs through prolonged or repeated exposure



**Precautionary Statements - Prevention**

P202 - Do not handle until all safety precautions have been read and understood  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P281 - Use personal protective equipment as required

**Precautionary Statements - Response**

P321 - Specific treatment (see supplemental first aid instructions on this label)  
P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor

**Precautionary Statements - Storage**

P405 - Store locked up

**Precautionary Statements - Disposal**

P501 - Dispose of contents/ container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

Very toxic to aquatic life with long lasting effects.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Family** Pyrethroid Pesticide.

Chemical name	CAS-No	Weight %
Bifenthrin	82657-04-3	0.2
bentonite	1302-78-9	>80
crystalline silica, quartz	14808-60-7	10-20

Synonyms are provided in Section 1.

#### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move person to fresh air. If person is not breathing, contact emergency medical services, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
<b>Ingestion</b>	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
<b>Most important symptoms and effects, both acute and delayed</b>	Central nervous system effects.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	Treat symptomatically. This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use CO <sub>2</sub> , dry chemical, or foam.
<b>Specific Hazards Arising from the Chemical</b>	Powdered material may form explosive dust-air mixtures
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Not sensitive.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Isolate and post spill area. Remove all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.
<b>Other</b>	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
<b>Methods for Containment</b>	Use a wet sweeping compound or water to prevent dust formation.
<b>Methods for cleaning up</b>	Sweep up and shovel into suitable containers for disposal. Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.
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**Storage** Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Keep/store only in original container.

**Incompatible products** None known

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
bentonite 1302-78-9	TWA: 1 mg/m <sup>3</sup>	-	-	-
crystalline silica, quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	See note	IDLH: 50 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup>	Mexico: TWA 0.1 mg/m <sup>3</sup>
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
bentonite 1302-78-9	TWA: 1.0 mg/m <sup>3</sup>	-	TWA: 1 mg/m <sup>3</sup>	-
crystalline silica, quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.10 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering measures** Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles.

**Skin and Body Protection** Wear long-sleeved shirt, long pants, socks, and shoes.

**Hand Protection** Protective gloves

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**General information** If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Appearance** Granules  
**Physical State** Solid  
**Color** light gray  
**Odor** Odorless  
**Odor threshold** No information available  
**pH** 6.54  
**Melting point/freezing point** Not applicable

Boiling Point/Range	No information available
Flash point	Not applicable
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Density	0.81 g/mL
Specific gravity	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Molecular weight	No information available
Bulk density	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	Not applicable
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Excessive heat
Incompatible materials	None known.
Hazardous Decomposition Products	Carbon oxides (COx), Hydrogen chloride, Hydrogen fluoride.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

LD50 Oral	Similar formulation: > 5,000 mg/kg (rat)
LD50 Dermal	Bifenthrin: > 2,000 mg/kg (rabbit)
LC50 Inhalation	No information available
Serious eye damage/eye irritation	Slightly or non-irritating (rabbit).
Skin corrosion/irritation	Slightly or non-irritating (rabbit).
Sensitization	Non-sensitizing.

### Information on toxicological effects

Symptoms	Large doses of bifenthrin ingested by laboratory animals produced signs of toxicity including convulsions, tremors and bloody nasal discharge. Large doses of zeta-cypermethrin, ingested by laboratory animals, may produce signs of toxicity including tremors, incoordination, convulsions, staggered gait, and oral discharge.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**LESCO® CrossCheck® EZ Granular Insecticide**  
**featuring Verge™ Granule Technology**

**SDS # : 6584-1-A**  
**Revision date: 2015-04-10**  
**Version 1.01**

**Chronic toxicity** Bifenthrin: Long-term exposure caused neurotoxicity (tremors and impaired gait) in the early exposure in animal studies, but tremors disappeared with continued exposure.

**Mutagenicity** Bifenthrin, Not genotoxic in laboratory studies.

**Carcinogenicity** Bifenthrin: Weak treatment-related response for liver adenocarcinomas and benign bladder tumors (lesion) in male mice. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

**Neurological effects** Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive salivation) following acute or subchronic exposure. Tremors disappeared with continued exposure.

**Reproductive toxicity** Bifenthrin, No toxicity to reproduction in animal studies.

**Developmental toxicity** Bifenthrin, Not teratogenic in animal studies.

**STOT - single exposure** Causes damage to organs. See listed target organs below.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure. See listed target organs below.

**Target organ effects** Central Nervous System (CNS), blood.

**Neurological effects** Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive salivation) following acute or subchronic exposure. Tremors disappeared with continued exposure.

**Aspiration hazard** No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
crystalline silica, quartz 14808-60-7	A2	Group 1	Known	X

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
*A2 - Suspected Human Carcinogen*  
*IARC (International Agency for Research on Cancer)*  
*Group 1 - Carcinogenic to Humans*  
*NTP (National Toxicology Program)*  
*Known - Known Carcinogen*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*X - Present*

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Bifenthrin (82657-04-3)</b>				
Active Ingredient(s)	Duration	Species	Value	Units
Bifenthrin	96 h LC50	Fish	0.1	µg/L
	72 h EC50	Algae	0.822	mg/L
	48 h EC50	Crustacea	0.11	µg/L
	21 d NOEC	Fish	0.012	µg/L
	21 d NOEC	Crustacea	0.0013	µg/L

**Persistence and degradability** Bifenthrin: Moderately persistent. Does not readily hydrolyze. Not readily biodegradable.

**Bioaccumulation** Bifenthrin: The substance has a potential for bioconcentration.

**Mobility** Bifenthrin: Immobile, Not expected to reach groundwater.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal methods** Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

**Contaminated Packaging** Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

## 14. TRANSPORT INFORMATION

**DOT** This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

**TDG** Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

<b>UN/ID no</b>	UN3077
<b>Proper Shipping Name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Hazard class</b>	9
<b>Packing Group</b>	III
<b>Marine Pollutant</b>	Bifenthrin,
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Bifenthrin), 9, PGIII, Marine Pollutant

**ICAO/IATA**

<b>UN/ID no</b>	UN3077
<b>Proper Shipping Name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Hazard class</b>	6.1
<b>Packing Group</b>	III
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Bifenthrin), 9, PGIII

**IMDG/IMO**

<b>UN/ID no</b>	UN3077
<b>Proper Shipping Name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Hazard class</b>	9
<b>Packing Group</b>	III
<b>EmS No.</b>	F-A, S-F
<b>Marine Pollutant</b>	Bifenthrin,
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Bifenthrin), 9, PGIII, Marine Pollutant

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Bifenthrin - 82657-04-3	82657-04-3	1.9	1.0

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic health hazard</b>	Yes
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**LESCO® CrossCheck® EZ Granular Insecticide**  
**featuring Verge™ Granule Technology**

**SDS # : 6584-1-A**  
**Revision date: 2015-04-10**  
**Version 1.01**

**FIFRA Information**

*This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:*

**CAUTION**

*Harmful if absorbed through skin.*

*This pesticide is extremely toxic to fish and aquatic invertebrates.*

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Prop. 65
crystalline silica, quartz - 14808-60-7	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Bifenthrin 82657-04-3	X		
crystalline silica, quartz 14808-60-7	X	X	X

**International Inventories**

Component	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Bifenthrin 82657-04-3 ( 0.2 )				X	X	X		
bentonite 1302-78-9 ( >80 )	X	X	X		X	X	X	X
crystalline silica, quartz 14808-60-7 ( 10-20 )	X	X	X	X	X	X	X	X

**Mexico - Grade**

Slight risk, Grade 1

**CANADA**

**WHMIS Hazard Class**

D2A - Very toxic materials



**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards 1</b>	<b>Flammability 1</b>	<b>Instability 0</b>	<b>Special Hazards -</b>
<b>HMIS</b>	<b>Health Hazards 1</b>	<b>Flammability 1</b>	<b>Physical hazard 0</b>	<b>Personal Protection X</b>

*\*Indicates a chronic health hazard.*

**LESCO® CrossCheck® EZ Granular Insecticide  
featuring Verge™ Granule Technology**

**SDS # : 6584-1-A  
Revision date: 2015-04-10  
Version 1.01**

**Revision date:** 2015-04-10  
**Revision note** Format Change

**Disclaimer**

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**Prepared By:**

Verge - Trademark of Oil-Dri Corporation

LESCO, CrossCheck and LESCO Logo - Trademarks of LESCO, Inc.

**End of Safety Data Sheet**



# SAFETY DATA SHEET

## 1. Identification

<b>Product name:</b>	<b>Concentrate Roundup® Weedkiller</b>
<b>Use:</b>	For use as herbicide to control a wide range of weeds and grasses in garden beds, rockeries, driveways, along fence lines and garden edges, around buildings and prior to planting new lawns and garden areas.
<b>Company name</b>	MONSANTO AUSTRALIA LTD
<b>address and contact details:</b>	12/600 St Kilda Road Melbourne, Australia 3004. Telephone: (+61) 3 9522 7122 Fax: (+61) 3 9522 6122
	<b>New Zealand Distributor:</b> Tui Products Ltd Truman Lane, Te Maunga Mount Maunganui 3175 Telephone: (07) 575 2160 Fax: (07) 575 8462 Website: <a href="http://www.tuiproducts.co.nz">www.tuiproducts.co.nz</a>
<b>Emergency phone number:</b>	<b>New Zealand National Poisons Centre</b> <b>0800 764 766 [0800 POISON]</b>

## 2. Hazard Identification

Classified as hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

**HSNO Approval Number:** HSR000767

**HSNO Classification(s):** 9.1B

**Pictogram(s):**



**Signal word:** Not applicable

**Hazard Statement(s):** H411 Toxic to the aquatic environment with long lasting effects.

**Prevention Statement(s):** P103 Read label before use.  
P273 Avoid release to environment.

**Response Statement(s):** P391 Collect spillage.

**Storage Statement(s):** -

**Disposal Statement.** P501 Dispose of product and container in accordance with any local or National regulations.

### 3. Composition/Information on Ingredients

Ingredient	CAS No	Proportion (%w/w)
Isopropylamine salt of glyphosate *	38641-94-0	41 - 42
Surfactant, formulating agents and water	Proprietary	58 - 59

\*The product is formulated to contain equivalent to 360 g/L glyphosate (CAS No 1071-83-6)

### 4. First Aid Measures

For advice or in an emergency, contact the National Poisons Centre, tel 0800 764 766 [ 0800 POISON ] or a doctor. Have product label or this Safety Data Sheet at hand.

- Inhalation:** In inhaled, move person to fresh air. Keep at rest in a position comfortable for breathing until recovered. Get medical advice if symptoms persist.  
If person is not breathing, seek immediate medical assistance and give artificial respiration, preferably mouth to mouth.
- Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Get immediate medical advice.
- Skin:** Wash affected area with plenty of soap and water. If irritation persists or develops, get medical advice.
- Eye contact:** Hold eyelids apart and flush continuously with water several minutes. Remove contact lenses if present, after the first 5 minutes and continue rinsing. If irritation persists or symptoms develop, seek immediate medical attention.
- First Aid Facilities:** Eye wash and washroom facilities.
- Advice to Doctor:** This product is not an inhibitor of cholinesterase.
- Antidote:** Treatment with atropine and oximes is not indicated.

### 5. Fire-fighting measures

- Flammability:** Product is non-combustible.
- Suitable extinguishing media:** Water, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) as appropriate for surrounding materials.
- Hazards from combustion:** Toxic and/or, irritating fumes or gases that may include carbon oxides, phosphorous oxides, nitrogen oxides.
- Decomposition temperature:** Not available.
- Specific hazards:** Prevent extinguishing media from entering waterways, drains or sewers.
- HAZCHEM Code:** 3Z
- Precautions for fire-fighters:** Wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes.

### 6. Accidental release measures

- Emergency procedures:** Wear personal protection equipment and clothing to minimise exposure. Contain spill. If unable to recover liquid, absorb with an inert absorbent material. Collect



and place in labelled container than can be sealed before disposal. If contamination of waterways, drains or sewers occurs, immediately inform local council and emergency services.

## 7. Handling and storage

**Precautions for Safe Handling:** Read label before use. Avoid inhalation of vapours and mists and contact with skin or eyes. Wear personal protection equipment and clothing to minimise exposure. Use in a well-ventilated area to avoid build-up of vapours and mists. Follow good occupational hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Wash contaminated clothing before re-use. Keep containers closed when not in use.

When mixing and/or applying, use only stainless steel, aluminium, brass, copper, fibreglass, plastic or plastic lined containers. Do NOT use galvanized steel or unlined steel (except stainless steel) as a reaction may produce hydrogen gas which is highly combustible and can flash or explode when ignited.

**Conditions for Safe Storage:** Keep out of reach of children. Store only in original container and away from food, drink and animal feed.

## 8. Exposure controls/personal protection

**Health Exposure Standards:** Workplace Exposure Standards (WES) have not been set by Worksafe NZ for this substance.

**Biological limit values:** None established

### Personal Protective Equipment:

**Respiratory Protection:** Respiratory protection may be necessary under certain use conditions. Under such conditions, an approved respirator with a replaceable mist filter according to local standards (AS/NZS 1715), must be worn.

**Eye Protection:** Wear safety glass with side shields or safety goggles to avoid contact of solution with eyes.

**Skin/ Body Protection:** The wearing of impervious chemical resistant gloves, e.g. nitrile, neoprene, natural rubber, polyvinyl chloride (PVC) is recommended.

## 9. Physical and chemical properties

Form:	Liquid
Appearance:	Clear, pale amber
Odour:	Faint amine like
Melting point (°C):	No data
Boiling point (°C):	> 100
Decomposition temperature (°C):	No data
Flash point (°C):	Non flammable
Specific gravity (g/cc):	1.16 @ 25°C
pH:	4.4 – 5.0 (as 8% w/v aqueous solution)
Vapour pressure:	No data
Vapour density (Air=1):	No data
Evaporation rate:	No data
Solubility in water:	Soluble
Partition coefficient (log Pow):	-3.2 @ 25 °C (glyphosate)

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## 10. Stability and reactivity

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- Chemical Stability:** Stable under normal conditions of storage and handling.
- Conditions to avoid:** Extremes of temperature and direct sunlight.
- Incompatible materials:** Contact with galvanized steel or unlined mild steel which may produce hydrogen, a highly flammable gas.
- Hazardous decomposition products:** Thermal decomposition may produce toxic or irritating fumes and gases; may include carbon oxides, phosphorous oxides and nitrogen oxides.
- Hazardous polymerization:** Does not occur.

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## 11. Toxicological information

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- Ingestion:** May irritate gastric tract and cause nausea and vomiting. Potentially harmful if swallowed in large quantities resulting in hypotension and pulmonary oedema.
- Inhalation:** Product vapours may be irritating to nose, throat and respiratory system.
- Eye Contact:** May be slightly irritating causing discomfort; redness, itching and/or tearing.
- Skin Contact:** May be slightly irritating causing discomfort; redness, itching and/or swelling.
- Other Health Effects:** Product is not identified as sensitizer, mutagen and carcinogen or with adverse effects on fertility or unborn child, or to organs or systems.

**Toxicological Information:**

For concentrate of similar product:  
 Oral LD<sub>50</sub> (rat) > 5000 mg/kg b.w.  
 Dermal LD<sub>50</sub> (rabbit) > 5000 mg/kg b.w.  
 Inhalation LC<sub>50</sub> 4 hr aerosol (rat) 2.3 mg/L

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## 12. Ecological information

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- Ecotoxicity:** This product is toxic to aquatic life with long-lasting effects.
- Persistence and degradability:** Absorption studies indicate that glyphosate has very low mobility. Average field half-life of glyphosate is 47 days.
- Mobility:** Glyphosate is strongly absorbed by soil and therefore becomes practically immobile. Microbial degradation is the major cause of loss from soil with liberation of carbon dioxide.
- Bioaccumulation:** Glyphosate is not bio-accumulative.  
 BCF = <1 for bluegill sunfish.  
 Log Pow -3.2 @ 25 °C (for glyphosate)
- Ecotoxicity Information:** For glyphosate in form of isopropylamine salt;  
 Bluegill sunfish (*Lepomis macrochirus*) LC<sub>50</sub> (96 h) 45 mg/L  
*Daphnia magna* LC<sub>50</sub> (48 h) 930 mg/L  
*Skeletonema costatum* (diatom) EC<sub>50</sub> (96 hr) 1.2 mg/L



For glyphosate acid;  
 Rainbow trout (*Oncorhynchus mykiss*) LC<sub>50</sub> (96 hr) 86 mg/L  
 Bluegill sunfish (*Lepomis macrochirus*) LC<sub>50</sub> (96 h) 120 mg/L  
*Daphnia magna* EC<sub>50</sub> (48 h) 780 mg/L  
 Bobwhite quail (*Colinus virginianus*) LD<sub>50</sub> > 3850 mg/kg  
 Honey bee (*Apis mellifera*) oral, LD<sub>50</sub> 100 µg/bee

**Other Information:** Environmental Exposure Limit (EEL) for glyphosate is 0.37 mg/L

### 13. Disposal considerations

**Disposal Methods:** Empty containers retain product residues and vapour. Triple rinse empty containers with water and use in spray mix. Do not allow product to enter drains or watercourses or dispose of where ground or surface waters may be affected. Dispose of empty containers in accordance with local or National regulations. Incinerate if appropriate facility/equipment is available. Do not use container for storing any other product.

### 14. Transport information

**New Zealand** This product is classified as a Dangerous Good, Class 9. Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

**UN Number:** 3082

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S  
(CONTAINS GLYPHOSATE)

**DG Class:** 9

**Subsidiary Risk:** -

**Packing Group:** III

**HAZCHEM:** 3Z



### 15. Regulatory information

#### New Zealand

Classified as hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

**HSNO Approval number:** HSR000767 Soluble concentrate containing 300 – 450 g/Litre glyphosate as the isopropylamine salt.

**HSNO Controls:** Refer to [www.epa.govt.nz](http://www.epa.govt.nz) for all Controls relating to this product and use.

Note the additional Control 77A -Use restriction. Where the substance is applied onto or into water and the water has the potential to leave the place containing the application area, any application of the substance must be under the personal control of an approved handler.

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## 16. Other information

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**Date of Issue:** 9 February 2015.  
**Reasons for issue:** SDS for New Zealand use.  
**Replaces:** Not applicable.

**Abbreviations:**

EC50 50% effect concentration  
EEL Environmental Exposure Limit  
EPA Environmental Protection Authority  
HSNO Hazardous Substance and New Organisms  
LD50 50% lethal dose  
STEL Short Term Exposure Limit (15 minute exposure period)  
TWA Time-Weighted Average (8 hours exposure period)  
WES Workplace Exposure Standard

**References:**

EPA [www.epa.govt.nz](http://www.epa.govt.nz)  
Supplier Safety Data Sheets

**Other:**

The information contained herein is given in good faith but no warranty, expressed or implied is made. Consult supplier if additional information or explanation is required.

End of safety data sheet

# SAFETY DATA SHEET



## TurfPride AccuBlend Fertilizer 7-1-7 (2002828)

### Section 1. Identification

**GHS product identifier** : TurfPride AccuBlend Fertilizer 7-1-7  
**Chemical name** : Dry fertilizer  
**Other means of identification** : 2002828  
**Product type** : Solid.

**Identified uses** TurfPride AccuBlend 7-1-7 fertilizer is used for plant and grass food.

**Supplier's details** : Howard Fertilizer & Chemical  
 7301 Highway 50  
 Groveland, Florida 34736  
 Tel: 407-855-1841  
 Toll Free: 800-899-3141  
 Fax: 352-429-3396  
 Email: mbrooks@howardfert.com  
 Web site: www.howardfertilizer.com

**Emergency telephone number (with hours of operation)** : INFOTRAC®  
 North America: +1-800-535-5053  
 International: +1-352-323-3500  
 (24/7)  
 Contact Email: Randy.lee@infotrac.net

### Section 2. Hazards identification

**OSHA/HCS status** : This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** :  
 SKIN CORROSION/IRRITATION - Category 2  
 EYE IRRITATION - Category 2

**GHS label elements**

**Hazard pictograms**



TURFPRIDE ACCUBLEND 7-1-7 DRY FERTILIZER

**Signal word** : Warning

**Hazard statements**

H319 - Causes serious eye irritation.  
 H315 - Causes skin irritation.

**Precautionary statements** Wear respirator or dust mask when using this product and wash hands and cloths when finished.

## Section 2. Hazards identification

- Prevention** : P280 - Wear protective gloves. Wear eye or face protection.  
P210 - Keep away from heat. - No smoking.  
P220 - Keep away from clothing, incompatible materials and combustible materials.  
P221 - Take any precaution to avoid mixing with combustibles and other incompatible materials.  
P273 - Avoid release to the environment.  
P264 - Wash hands thoroughly after handling.
- Response** : P391 - Collect spillage.  
P302 + P352 + P362-2 + P363 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.  
P332 + P313 - If skin irritation occurs: Get medical attention.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical attention.
- Storage** : Not applicable.
- Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Chemical name** : Dry fertilizer
- Other means of identification** : Not available.

### CAS number/other identifiers

- CAS number** : Not applicable.
- Product code** : Not available.

Ingredient name	%	CAS number
Sulfur	2-6	7704-34-9
spm	10-30	17855-14-0
muriate of potash	10-30	7447-40-7
Urea	10-30	57-13-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Maintain an open airway. Get medical attention if symptoms occur.



## Section 4. First aid measures

- Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : Causes skin irritation.
- Ingestion** : Irritating to mouth, throat and stomach.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No known significant effects or critical hazards.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : This material is very toxic to aquatic life. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

## Section 5. Fire-fighting measures

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide  
 nitrogen oxides  
 Sulfur oxides  
 metal oxide/oxides
- Special protective actions for fire-fighters** : Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

### Methods and materials for containment and cleaning up

- Spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from clothing, incompatible materials and combustible materials. Keep away from heat. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from reducing agents and combustible materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Sulfur	<b>ACGIH TLV (United States).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Nuisance dust. <b>OSHA PEL (United States).</b> TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Nuisance dust.

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	: Solid. [Granular.]
<b>Color</b>	: Brownish to multicolor.
<b>Odor</b>	: Ammonia. [Slight]
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: 7.9[Conc. (% w/w): 1%
<b>Melting point</b>	: ] Not available.
<b>Boiling point</b>	: Not available.
<b>Flash point</b>	: Not available.
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: Not available.
<b>Solubility</b>	: Very slightly soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.
<b>Volatility</b>	: Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Hazardous reactions or instability may occur under certain conditions of storage or use. Conditions may include the following: contact with combustible materials Reactions may include the following: risk of causing or intensifying fire
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation

#### Sensitization

There is no data available.

#### Carcinogenicity

There is no data available.

#### Specific target organ toxicity (single exposure)

There is no data available.

#### Specific target organ toxicity (repeated exposure)

There is no data available.

#### Aspiration hazard

There is no data available.

**Information on the likely routes of exposure** : Dermal contact. Eye contact. Inhalation. Ingestion.

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : Causes skin irritation.
- Ingestion** : Irritating to mouth, throat and stomach.

#### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No known significant effects or critical hazards.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

##### Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

##### Long term exposure

## Section 11. Toxicological information

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

### Potential chronic health effects

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Sulfur spm muriate of potash Urea	Acute LC50 4.5 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC >6 mg/L Fresh water	Crustaceans - Cladocera	21 days
	Acute EC50 0.042 mg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
	Acute LC50 4 µg/L Fresh water	Crustaceans - Mesocyclops hyalinus - Adult	48 hours
	Acute LC50 21.8 µg/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 2.36 µg/L Fresh water	Fish - Cirrhinus mrigala	96 hours
	Chronic NOEC 0.005 mg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
	Chronic NOEC 45 µg/L Marine water	Crustaceans - Acanthomysis costata - Juvenile (Fledgling, Hatchling, Weanling)	21 days
	Chronic NOEC 1.7 mg/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 26 µg/L Fresh water	Fish - Jordanella floridae	100 days

### Persistence and degradability

There is no data available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : There is no data available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>			
<b>UN proper shipping name</b>	NON-DOT regulated	NON-DOT regulated	NON-DOT regulated
<b>Transport hazard class(es)</b>			
<b>Packing group</b>			
<b>Environmental hazards</b>	No	No.	No.
<b>Additional information</b>			

**AERG :**

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
 United States inventory (TSCA 8b): Not determined.  
 Clean Water Act (CWA) 307: Not determined  
 Clean Water Act (CWA) 311: Not determined

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

**SARA 302/304**

**Composition/information on ingredients**

No products were found.

**SARA 304 RQ** : Not applicable.

**SARA 311/312**

**Classification**

Chronic health hazard

**Composition/information on ingredients**

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Sulfur	2-6	No	No.	No.	No.	Yes
SPM	10-30	No	No.	No	No	No
muriate of potash	10-30	No	No	No.	No	No.
Urea	10-30	No.	No	No	No	No

**SARA 313**

	Product name	CAS number	%
<b>Form R - Reporting requirements</b>			
<b>Supplier notification</b>			

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**State regulations**

**Massachusetts** : The following components are listed: Sulfur;

**New York** : None of the components are listed.

**New Jersey** : The following components are listed: Sulfur;

**Pennsylvania** : The following components are listed: Sulfur;

**California Prop. 65**

No products were found.



## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

**Health :** 1 \* **Flammability :** 0 **Physical hazards :** 0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)

**Health :** 1 **Flammability :** 0 **Instability :** 0

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

**Date of issue mm/dd/yyyy :** 02/22/2017

**Version :** 3

**Prepared by :** Michael Brooks

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 UN = United Nations

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

# SAFETY DATA SHEET



## TurfPride AccuBlend Fertilizer 13-3-13 (2008779)

### Section 1. Identification

**GHS product identifier** : TurfPride AccuBlend Fertilizer 13-3-13  
**Chemical name** : Dry fertilizer  
**Other means of identification** : 2008779  
**Product type** : Solid.

**Identified uses** TurfPride AccuBlend 13-3-13 fertilizer is used for plant and grass food.

**Supplier's details** : Howard Fertilizer & Chemical  
 7301 Highway 50  
 Groveland, Florida 34736  
 Tel: 407-855-1841  
 Toll Free: 800-899-3141  
 Fax: 352-429-3396  
 Email: mbrooks@howardfert.com  
 Web site: www.howardfertilizer.com

**Emergency telephone number (with hours of operation)** : INFOTRAC®  
 North America: +1-800-535-5053  
 International: +1-352-323-3500  
 (24/7)  
 Contact Email: Randy.lee@infotrac.net

### Section 2. Hazards identification

**OSHA/HCS status** : This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** :  
 SKIN CORROSION/IRRITATION - Category 2  
 EYE DAMAGE/ EYE IRRITATION - Category 2

**GHS label elements**

**Hazard pictograms** :



TURFPRIDE ACCUBLEND 13-3-13 FERTILIZER

**Signal word** : Warning

**Hazard statements** H319 - Causes serious eye irritation  
 H315 - Causes skin irritation

**Precautionary statements** Wear safety glasses and dust mask when using this product and wash when finished.  
 sweep all concrete surface off before watering in, this product can stain

## Section 2. Hazards identification

- Prevention** : P280 - Wear protective gloves. Wear eye or face protection.  
P210 - Keep away from heat. - No smoking.  
P220 - Keep away from clothing, incompatible materials and combustible materials.  
P221 - Take any precaution to avoid mixing with combustibles and other incompatible materials.  
P273 - Avoid release to the environment.  
P264 - Wash hands thoroughly after handling.
- Response** : P391 - Collect spillage.  
P302 + P352 + P362-2 + P363 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.  
P332 + P313 - If skin irritation occurs: Get medical attention.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical attention.
- Storage** : Not applicable.
- Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Chemical name** : Dry fertilizer
- Other means of identification** : Not available.

### CAS number/other identifiers

- CAS number** : Not applicable.
- Product code** : Not available.

Ingredient name	%	CAS number
Sulfate of potash	10 - 30	7778-80-5
Diammonium phosphate	10-30	7722-76-1
Urea	10-30	57-13-6
muriate of potash	10-30	7447-40-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Maintain an open airway. Get medical attention if symptoms occur.

## Section 4. First aid measures

- Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : Causes skin irritation.
- Ingestion** : Irritating to mouth, throat and stomach.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No known significant effects or critical hazards.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

## Section 5. Fire-fighting measures

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide  
 nitrogen oxides  
 Sulfur oxides  
 metal oxide/oxides
- Special protective actions for fire-fighters** : Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

### Methods and materials for containment and cleaning up

- Spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from clothing, incompatible materials and combustible materials. Keep away from heat. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from reducing agents and combustible materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Sulfur	<b>ACGIH TLV (United States).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Nuisance dust. <b>OSHA PEL (United States).</b> TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Nuisance dust.

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	: Solid. [Granular.]
<b>Color</b>	: Brownish to multicolor.
<b>Odor</b>	: Ammonia. [Slight]
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: 6.8 [Conc. (% w/w): 1%]
<b>Melting point</b>	: Not available.
<b>Boiling point</b>	: Not available.
<b>Flash point</b>	: Not available.
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: Not available.
<b>Solubility</b>	: Very slightly soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.
<b>Volatility</b>	: Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Hazardous reactions or instability may occur under certain conditions of storage or use. Conditions may include the following: contact with combustible materials Reactions may include the following: risk of causing or intensifying fire
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
				-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation

#### Sensitization

There is no data available.

#### Carcinogenicity

There is no data available.

#### Specific target organ toxicity (single exposure)

There is no data available.

#### Specific target organ toxicity (repeated exposure)

There is no data available.

#### Aspiration hazard

There is no data available.

**Information on the likely routes of exposure** : Dermal contact. Eye contact. Inhalation. Ingestion.

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : Causes skin irritation.
- Ingestion** : Irritating to mouth, throat and stomach.

#### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No known significant effects or critical hazards.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

##### Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

##### Long term exposure



## Section 11. Toxicological information

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

### Potential chronic health effects

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	19278.3 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Sulfate of potash	Acute LC50 100 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Diammonium phosphate	Chronic NOEC >6 mg/L Fresh water	Crustaceans - Cladocera	21 days
urea	Acute EC50 0.042 mg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
muriate of potash			
manganese granusol	Acute LC50 4 µg/L Fresh water	Crustaceans - Mesocyclops hyalinus - Adult	48 hours
SPM			
boron	Acute LC50 21.8 µg/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
iron granusol	Acute LC50 2.36 µg/L Fresh water	Fish - Cirrhinus mrigala	96 hours
gray filler	Chronic NOEC 0.005 mg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
44.5-0-0B-PC polyWorx			
urea 46%	Chronic NOEC 45 µg/L Marine water	Crustaceans - Acanthomysis costata - Juvenile (Fledgling, Hatchling, Weanling)	21 days
	Chronic NOEC 1.7 mg/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 26 µg/L Fresh water	Fish - Jordanella floridae	100 days

### Persistence and degradability

There is no data available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : There is no data available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>			
<b>UN proper shipping name</b>	NON-DOT REGULATED	NON-DOT REGULATED	NON-DOT REGULATED
<b>Transport hazard class(es)</b>			
<b>Packing group</b>			
<b>Environmental hazards</b>	No	No	No
<b>Additional information</b>			

**AERG :**

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
 United States inventory (TSCA 8b): Not determined.  
 Clean Water Act (CWA) 307: Not determined  
 Clean Water Act (CWA) 311: Not determined

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

**SARA 302/304**

Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

**SARA 311/312**

Classification

Chronic health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Sulfur	1-5	No	No.	No.	No	No.
Sulfate of potash	10 - 30	No	No	No.	No	No
Diammonium phosphate	10-30	No	No	No	No	No
urea	10-30	No.	No.	No	No	No.

**SARA 313**

	Product name	CAS number	%
<b>Form R - Reporting requirements</b>			
<b>Supplier notification</b>			

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**State regulations**

**Massachusetts** : The following components are listed: Sulfur;

**New York** : None of the components are listed.

**New Jersey** : The following components are listed: Sulfur

**Pennsylvania** : The following components are listed: Sulfur

**California Prop. 65**

No products were found.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

**Health :** 1 \* **Flammability :** 0 **Physical hazards :** 0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)

**Health :** 1 **Flammability :** 0 **Instability :** 0

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

**Date of issue mm/dd/yyyy :** 02/27/2019

**Version :** 1

**Prepared by :** Michael Brooks

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 UN = United Nations

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

# APPLICATION FOR REGISTRATION OF FICTITIOUS NAME

REGISTRATION# G19000030930

**Fictitious Name to be Registered:** POTTER'S LAWN & LANDSCAPING

**Mailing Address of Business:** 377 SW 14TH AVENUE  
POMPANO BEACH, FL 33069

**Florida County of Principal Place of Business:** BROWARD

**FEI Number:** 65-0419005

**FILED**  
**Mar 06, 2019**  
**Secretary of State**

**Owner(s) of Fictitious Name:**

POTTER'S PROFESSIONAL LAWN CARE, INC  
377 SW 14TH AVENUE  
POMPANO BEACH, FL 33069 US  
Florida Document Number: P98000018994  
FEI Number: 65-0419005

I the undersigned, being an owner in the above fictitious name, certify that the information indicated on this form is true and accurate. I further certify that the fictitious name to be registered has been advertised at least once in a newspaper as defined in Chapter 50, Florida Statutes, in the county where the principal place of business is located. I understand that the electronic signature below shall have the same legal effect as if made under oath and I am aware that false information submitted in a document to the Department of State constitutes a third degree felony as provided for in s. 817.155, Florida Statutes.

NINA S POTTER FERNANDEZ

03/06/2019

Electronic Signature(s)

Date

**Certificate of Status Requested ( )**

**Certified Copy Requested ( )**

**2019 FLORIDA PROFIT CORPORATION ANNUAL REPORT**

DOCUMENT# P98000018994

**Entity Name:** POTTER'S PROFESSIONAL LAWN CARE, INC.

**Current Principal Place of Business:**

377 SW 14 AVENUE  
POMPANO BEACH, FL 33069

**Current Mailing Address:**

377 SW 14 AVENUE  
POMPANO BEACH, FL 33069 US

**FEI Number:** 65-0419005

**Certificate of Status Desired:** No

**Name and Address of Current Registered Agent:**

POTTER FERNANDEZ, NINA S  
377 SW 14 AVENUE  
POMPANO BEACH, FL 33069 US

*The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.*

**SIGNATURE:** NINA S POTTER FERNANDEZ

02/07/2019

Electronic Signature of Registered Agent

Date

**Officer/Director Detail :**

Title            PRESIDENT  
Name            POTTER FERNANDEZ, NINA S  
Address        377 SW 14 AVENUE  
City-State-Zip: POMPANO BEACH FL 33069

Title            VP  
Name            POTTER, GRANT J  
Address        377 SW 14 AVENUE  
City-State-Zip: POMPANO BEACH FL 33069

*I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.*

**SIGNATURE:** NINA S POTTER FERNANDEZ

PRESIDENT

02/07/2019

Electronic Signature of Signing Officer/Director Detail

Date



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/13/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Risk Strategies Company 3250 N. 29th Ave Hollywood, FL 33020	<b>CONTACT NAME:</b> _____	
	<b>PHONE (A/C No, Ext):</b> 954-963-6666	<b>FAX (A/C, No):</b> 954-963-9776
<b>E-MAIL ADDRESS:</b> aiucerts@risk-strategies.com		
<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURER A:</b> Ohio Security Insurance Company		24082
<b>INSURER B:</b> Federal Insurance Company		20281
<b>INSURER C:</b> Wright National Flood Insurance Company		11523
<b>INSURER D:</b>		
<b>INSURER E:</b>		
<b>INSURER F:</b>		

**COVERAGES**                      **CERTIFICATE NUMBER:** 47044025                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR		POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
		INSR	WVD					
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> PD Ded: 500 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: _____			BKS1855810710	2/12/2019	2/12/2020	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$15,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$	
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
	<input type="checkbox"/> <b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$	
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$	
B	Equip. Floater			45469121	2/12/2019	2/12/2020	\$303,402/Ded.\$1,000 Leased and Rented Equip \$100,000	
C	Flood			09115134084402	7/18/2018	7/18/2019	\$124,500 / \$1,250 ded	
C	Flood			091151340838	4/19/2018	4/19/2019	\$124,500 / \$50,000 ded	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

<b>CERTIFICATE HOLDER</b>  City of Coconut Creek 4800 West Copans Road Coconut Creek FL 33063	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  <b>AUTHORIZED REPRESENTATIVE</b>  Michael Christian
---	--

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**ADDITIONAL REMARKS SCHEDULE**

<b>AGENCY</b> Risk Strategies Company		<b>NAMED INSURED</b> Potter's Professional Lawn Care Inc dba Potter's Lawn & Landscaping 377 SW 14th Ave Pompano Beach FL 33069	
<b>POLICY NUMBER</b>		<b>EFFECTIVE DATE:</b>	
<b>CARRIER</b>	<b>NAIC CODE</b>		

**ADDITIONAL REMARKS**

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**  
**FORM NUMBER: 25      FORM TITLE: Certificate of Liability (03/16)**

**HOLDER: City of Coconut Creek**  
**ADDRESS: 4800 West Copans Road Coconut Creek FL 33063**

List of Named Insureds:  
 Potter's Professional Lawn Care, Inc.,  
 Parkland Plants & Palms Inc.,  
 Parklane Trees Inc.,  
 Warehouse One LLC.,  
 Warehouse Three LLC

**\*\*General Liability\*\***  
 When required by written contract certificate holder is additional insured, coverage is primary and non-contributory.

**\*\*Auto Liability\*\***  
 When required by written contract certificate holder is additional insured, coverage is primary and non-contributory.





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
08/15/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Jeffrey Rendel c/o Stonehenge Insurance Solutions, Inc. 300 Avenue of the Champions, Suite 222 Palm Beach Gardens, FL 33418	<b>CONTACT NAME:</b> PHONE (A/C No. Ext): (561) 746-5027		FAX (A/C, No): (561) 746-5028
	E-MAIL ADDRESS: certs@stonehengeis.com		
<b>INSURER(S) AFFORDING COVERAGE</b>			<b>NAIC #</b>
<b>INSURER A:</b> Zurich-American Insurance Company			16535
<b>INSURER B:</b>			
<b>INSURER C:</b>			
<b>INSURER D:</b>			
<b>INSURER E:</b>			
<b>INSURER F:</b>			

<b>COVERAGES</b>	<b>CERTIFICATE NUMBER:</b> 19FL091996500	<b>REVISION NUMBER:</b>
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THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
<b>A</b>	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	WC 67-02-840-00	01/01/2019	01/01/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
			Location Coverage Period:	08/21/2019	01/01/2020	Client# 10915-FL

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Coverage is provided for only those co-employees of, but not subcontractors to:  
**POTTER'S PROFESSIONAL LAWN CARE, INC.** Fax: 954-956-1519  
 377 SW 14 Avenue  
 Pompano Beach, FL 33069

<b>CERTIFICATE HOLDER</b>  City of Coconut Creek 4800 West Copans Road Coconut Creek, FL 33063	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
--	--

# BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

**VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019**

**DBA:**  
**Business Name:** POTTERS LAWN & LANDSCAPING

**Receipt #:** 189C-273717  
**Business Type:** TREE TRIMMING/TREE MAINTENANCE  
(TREE TRIMMING)

**Owner Name:** NINA POTTER  
**Business Location:** 366 SW 14 AVE  
POMPANO BEACH

**Business Opened:** 08/17/2005  
**State/County/Cert/Reg:** A256/  
**Exemption Code:**

**Business Phone:**

Rooms                      Seats                      Employees                      Machines                      Professionals

3

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
27.00	0.00	0.00	0.00	0.00	0.00	27.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT  
WHEN VALIDATED**

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

**Mailing Address:**

NINA POTTER  
377 SW 14 AVE  
POMPANO BEACH, FL  
33069-3510

**Receipt #** 1CP-17-00021385  
**Paid** 08/31/2018 27.00

**2018 - 2019**

# BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

DBA:  
Business Name: POTTERS LAWN & LANDSCAPING

Receipt #: 324-4341  
Business Type: LAWN MAINTENANCE/LANDSCAPE  
(LAWN MAINTENANCE/LANDSCAPE)

Owner Name: POTTER GRANT  
Business Location: 366 SW 14 AVE  
POMPANO BEACH

Business Opened: 12/01/1993  
State/County/Cert/Reg:  
Exemption Code:

Business Phone:

Rooms                      Seats                      Employees                      Machines                      Professionals

5

Tax Amount	Number of Machines:			Vending Type:		Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
33.00	0.00	0.00	0.00	0.00	0.00	33.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT**

**WHEN VALIDATED**

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

**Mailing Address:**

POTTER GRANT  
377 SW 14 AVE  
POMPANO BCH, FL  
33069-3510

Receipt #1CP-17-00021385  
Paid 08/31/2018 33.00

**2018 - 2019**



**CERTIFICATE OF COMPETENCY**

Detach and **SIGN** the reverse side of this card **IMMEDIATELY** upon receipt! **You** should carry this card with you **at all times**.

Contractor must obtain a photo I.D. Certificate of Competency Card every two years.

POTTER'S LAWN & LANDSCAPING  
377 SW 14 AVENUE  
POMPANO BEACH, FL 33069

**BROWARD COUNTY, FLORIDA  
CERTIFICATE OF COMPETENCY**

**A**

CC#

A- 256

08/31/2020

POTTER'S LAWN & LANDSCAPING  
377 SW 14 AVENUE  
POMPANO BEACH, FL 33069

TRAINED EMPLOYEE: NINA S. POTTER FERNANDEZ

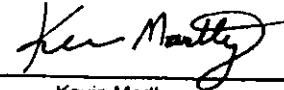
# INTERNATIONAL SOCIETY OF ARBORICULTURE CERTIFIED ARBORIST™

Nina Potter

Having successfully completed the requirements set by the Arborist Certification Board of the International Society of Arboriculture, the above named is hereby recognized as an ISA Certified Arborist®



Jim Skiera, Executive Director  
International Society of Arboriculture



Kevin Martlage  
Director of Professional Development  
International Society of Arboriculture

FL-6236A	13 Dec 2010	31 Dec 2019
Certification Number	Certified Since	Expiration Date



**CITY OF POMPANO BEACH  
BUSINESS TAX RECEIPT  
FISCAL YEAR: 2018 - 2019**

**THIS IS NOT A BILL**

**Business Tax Receipt Valid from: October 1, 2018 through September 30, 2019**

**9/20/2018**

**4406542  
POTTERS LAWN & LANDSCAPING  
366 SW 14 AVENUE**

**POMPANO BEACH FL 33060**

**THIS IS YOUR BUSINESS TAX RECEIPT. PLEASE POST IN A CONSPICUOUS PLACE AT THE  
BUSINESS LOCATION.**

**BUSINESS OWNER: POTTERS PROFESS LAWN CARE INC  
BUSINESS LOCATION: 366 SW 14 AV POMPANO BEACH FL**

<b>RECEIPT NO:</b>	<b>CLASSIFICATION</b>
<b>19-00021908 19-00048461</b>	<b>LAWN MAINTENANCE &amp; TRUCKS CONTRACTOR SPEC-TREE TRIMMING</b>

**NOTICE: A NEW APPLICATION MUST BE FILED IF THE BUSINESS NAME, OWNERSHIP OR ADDRESS IS CHANGED. THE ISSUANCE OF A  
BUSINESS TAX RECEIPT SHALL NOT BE DEEMED A WAIVER OF ANY PROVISION OF THE CITY CODE NOR SHALL THE ISSUANCE OF A  
BUSINESS TAX RECEIPT BE CONSTRUED TO BE AN JUDGEMENT OF THE CITY AS TO THE COMPETENCE OF THE APPLICANT TO TRANSACT  
BUSINESS. THIS DOCUMENT CANNOT BE ALTERED**

**BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30<sup>TH</sup> OF EACH YEAR**



Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 2005 Apalachee Pkwy  
 Tallahassee, Florida 32399-6500

April 26, 2019

**POTTER'S PROFESSIONAL LAWN CARE, INC.**  
 377 SW 14TH AVE  
 POMPANO BEACH, FL 33069-3509

**SUBJECT: POTTER'S PROFESSIONAL LAWN CARE, INC.**

Your application and fee for registration as a dealer in agriculture products as required by section 604.15-604.30, Florida Statutes, have been received and processed.

Your registration certificate appears below. All advertising and contracts should contain the phrase: "POTTER'S PROFESSIONAL LAWN CARE, INC. is registered with the State of Florida as a Dealer in Agriculture Products. Registration No. AD1556."

Proof of current registration must also be presented before the local occupational license(s) may be issued or renewed. This registration certificate will expire on March 30, 2020.

If you have any questions, please do not hesitate to call the Division of Consumer Services at 800-435-7352 or 850-617-7150.

Cut Here



State of Florida  
 Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 2005 Apalachee Pkwy  
 Tallahassee, Florida 32399-6500

Registration No.: **AD1556**  
 Issue Date: April 25, 2019  
 Expiration Date: March 30, 2020

**POST CERTIFICATE  
 CONSPICUOUSLY**

**License as Dealer in Agriculture Products**

Section 604.15-604.30, Florida Statutes

POTTER'S PROFESSIONAL LAWN CARE, INC.  
 DBA: POTTER'S LAWN AND LANDSCAPING  
 377 SW 14TH AVE  
 POMPANO BEACH, FL 33069-3509

*Nicole Fried*

**NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE**

## Nina Potter

---

**From:** Maria Lyons <mlyons@metrofloridasafetycouncil.com>  
**Sent:** Monday, August 26, 2019 11:10 AM  
**To:** Nina Potter  
**Subject:** Metro FSC Online Registrations New Order Notification

**Received with thanks**

Support [<mailto:info@metrofloridasafetycouncil.com>]  
**Sent:** Monday, August 26, 2019 9:41 AM  
**To:** Maria Lyons  
**Subject:** Metro FSC Online Registrations New Order Notification

### Customer / Contact

#### Nina Potter Fernandez

Potter's Professional Lawn Care, Inc  
Email: [nina@potterslawn.com](mailto:nina@potterslawn.com)  
Phone: 9549467544  
Online Customer ID: 124440

*Certificates delayed due to hurricane*  
*Nina Potter*

### New Order

**Order Number:** 211752

**Order Date:** 8/26/2019 9:40:54 AM

#### Order Items:

MOT Workzone Traffic Control: Intermediate Level in Class # 1821384 Thursday, Aug 29 2019 8:30AM 2 Seats  
1 Dieby Manchame  
2 Samuel Louis-Juste

**Order Total Net:** 430.00

**Payment Method:** Credit Card

VISA \*\*\*\*8825 by Nina S Potter

**Authorization:** 41543259458

**Capture DateTime:** 8/26/2019 6:40:55 AM

[View online receipt](#)

[Metro FSC Online Registrations](#)





## Introduction to: **SAFE PLANET FERTILIZATION & PEST CONTROL, INC.**

Safe Planet, Inc. is a fertilization and pest control company that covers from Miramar to Port Saint Lucie. I am the company's owner, certified operator and president, Bob Standish. I have (16 years ago) started this company after thirty plus years in the turf care and pest control industry. I have a four-year degree in Business Administration with a minor in Business Management from the University of Florida and the University of South Florida. I am a Florida Certified Operator, licensed and insured in Lawn & Ornamental along with General Household Pest and Rodent Control. I am a certified instructor in the curriculum of "Train-The-Trainer Program" for "The Best Management Practices" for the Florida Green Industry (Certificate enclosed) to better protect our water resources. I have been a past Florida Golf Course Superintendent. I worked for Lesco Inc. (1991-2005, John Deere Landscapes, now site-one), the largest supplier and distributor of turf care products to the green industry in the United States. I was a very successful Service Center Manager and a Turf & Ornamental and Pest Control Specialist at Lesco Inc. that covered Margate and Coconut Creek, to over 600 professionals in the turf and pest control industry in South Florida for fourteen years. I have been a member of many turf and pest related organizations such as; Florida Turf Grass Association, Florida Golf Course Superintendents Association, Certified Pest Control Operators Association, Sports Turf Managers Association.

Safe Planet Inc. is a company that provides South Florida homes, businesses and Homeowner Associations with prompt, reliable and knowledgeable customer service. After being the Turf and Ornamental Specialist for fourteen years and writing and demonstrating agronomic programs for over thirty years in South Florida we are putting the experience to practical use. By choosing Safe Planet Inc. you will be receiving expert agronomic knowledge with prompt and reliable customer service that other companies do not offer. We do not cut grass or trim trees, our sole job is to keep your landscape green and healthy. Our company will give you the best opportunity to protect your landscape and lawn care investments. We are whitefly experts for both the ficus whitefly and the new spiral whitefly that can trans-locate to over 100 different plants and trees, including palm trees. We will use an integrated pest management approach along with the proper frequency and amount of fertilizer that best fits your properties needs. Whether you are a property manager, board member of a HOA (Home Owners Association), a private business or a personal residence you will receive the most professional-knowledgeable turf, ornamental and tree care service that is available along with indoor pest and rodent control.

Your property will be treated as our own. If you are in need of a Lawn Care Professional, let us be your first choice. We have programs that were developed in South Florida for South Florida. We can adjust each program to each individual different property. Our prompt, reliable and knowledgeable customer service is setting the Standard for the industry. Choose Safe Planet Inc. TODAY....

Thank you,  
Bob Standish/President  
Safe Planet Fertilization & Pest Control Services, Inc.  
Florida Certified Operator  
Licensed and Insured



Office 561-852-8869 Fax 561-483-4858  
Safeplanetpest@gmail.com



FLORIDA GREEN INDUSTRIES



TRAINED AND CERTIFIED in THE



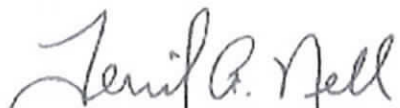
# Certificate



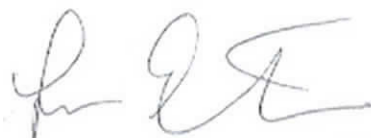
BEST MANAGEMENT PRACTICES

## Bob D. Standish

Has completed the Best Management Practices "Train-The-Trainer" Program and is a certified instructor in this curriculum.

  
Terril A. Nell, Chair,  
Environmental Horticulture

UNIVERSITY OF  
**FLORIDA**  
IFAS EXTENSION

  
Laurie E. Trenholm, PhD  
UF Urban Turfgrass Specialist



for the PROTECTION OF WATER RESOURCES in FLORIDA



State of



Florida

Department of Agriculture and Consumer Services  
Bureau of Entomology and Pest Control

**PEST CONTROL LICENSE**

Number: JB135059

**SAFE PLANET FERTILIZATION & PEST CONTROL**  
23084 SW 54TH AVE, BOCA RATON, FL 33433

*This is to Certify that the Pest Control Firm named above is licensed and Consumer Services for the Year Ending*

*Charles H. Bronson*

Charles H. Bronson  
Commissioner of Agriculture

STATE OF FLORIDA  
Department of Agriculture and Consumer Services  
BUREAU OF LICENSING AND ENFORCEMENT

SAFE PLANET FERTILIZATION & P. C. SVS. INC.  
S. 23084 SW 54TH AVE  
PEST CONTROL COMPANY FIRM

PI JB135059

HAS PAID THE FEE REQUIRED BY CHAPTER 402 FOR THE PERIOD  
EXPIRING MONTH: 2026

*Robert Stankel*  
REGULATORY SERVICES DIVISION  
LICENSING AND ENFORCEMENT

www.freshfromflorida.com

State of



Florida

Department of Agriculture and Consumer Services  
Bureau of Entomology and Pest Control

**CERTIFIED PEST CONTROL OPERATOR**

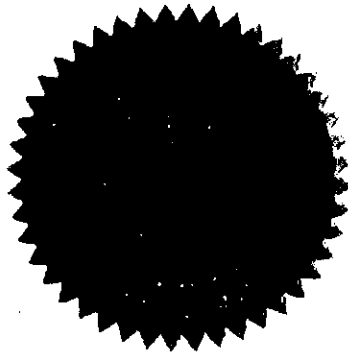
Number: JF127278

ROBERT DOUGLAS STANDISH

*This is to Certify that the individual named above is a Certified Pest Control Operator in License*

*General Household Pest & Rodent*

*in conformity with an Act of the Legislature in  
practice of Pest Control and inspection*



*Charles H. Bronson*

Charles H. Bronson  
Commissioner of Agriculture

STATE OF FLORIDA Department of Agriculture and Consumer Services BUREAU OF LICENSING AND ENFORCEMENT		
Date May 15, 2019	File No. JF127278	Expires June 1, 2020
THE CERTIFIED PEST CONTROL OPERATOR NAMED BELOW HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 482 FOR THE PERIOD EXPIRING: June 1, 2020		
ROBERT DOUGLAS STANDISH 2304 SW 50TH AVE BUDA RATON, FL 33433		General Household Pest and Rodent Control Lawn and Ornamental
<i>Nikki Friel</i> NIKKI E. NIKKI FRIEL, COMMISSIONER		

# State of Florida

## Department of State

I certify that the attached is a true and correct copy of the Application For Registration of the Fictitious Name SAFE PLANET, registered with the Department of State on January 21, 2015, as shown by the records of this office.

The Registration Number of this Fictitious Name is G15000007420.

*in hand and the Great Seal of*



**ANNE M. GANNON**  
 CONSTITUTIONAL TAX COLLECTOR  
*Serving Palm Beach County*

P.O. Box 3353, West Palm Beach, FL 33402-3353  
 www.pbctax.com Tel. (561) 355-2264

“LOCATED AT”

23084 SW 54TH AVENUE  
 BOCA RATON, FL 33433-7930

Serving YOU.

TYPE OF BUSINESS	OWNER	CERTIFICATION #	REC'D STATE PAID	AMT PAID	BILL #
567010 PEST CONTROL SERV	SAFE PLANET FERTILIZATION AND PEST	20150000	1119 020216 080519	573.00	840119770

This document is valid only when receipted by the Tax Collector's Office

B2 454

SAFE PLANET FERTILIZATION AND PEST CONTROL SERVICES  
 INC  
 SAFE PLANET FERTILIZATION AND PEST CONTROL SERVICES  
 INC  
 23084 SW 54TH AVE  
 BOCA RATON, FL 33433-7930

**STATE OF FLORIDA  
 PALM BEACH COUNTY  
 2019/2020 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 200616758  
 EXPIRES: SEPTEMBER 30, 2020**

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

# H O W A R D

fertilizer & chemical

Quote Date: 09-10-2019  
 Quote Expires: **Valid for 15 days**  
 Formulation ID: 12009-7233-1  
 Quote #: 39570  
 Plant: 200  
 Prepared By: scarnacchi  
 Est Ship Date: 09-10-2019

QUOTE

## 24-0-11

**40% Slow Release Nitrogen 3.00% Iron(8.640)**

**Customer Information:**

Boynton Quotes  
 1107 Gateway Blvd  
 Boynton Beach FL 33426

**Guaranteed Analysis (Percent)**

<b>Total Nitrogen (N)</b>	<b>24.00%</b>
6.000% Ammoniacal Nitrogen	
18.000% Urea Nitrogen	
<b>Soluble Potash (K2O)</b>	<b>11.00%</b>
<b>Chlorine, (Cl) Not More Than</b>	<b>7.333%</b>
3.000% Iron as (Fe)	
.030% Water Soluble Iron as (Fe)	
6.857% Combined Sulfur as (S)	

**Shipping Information:**

Unit Size	Qty	Price	Extended
		<b>*Subtotal</b>	<b>\$ 0.00</b>

Derived From:

SULFATE OF AMMONIA, UREA, MURIATE OF POTASH,  
 POLYMER COATED UREA, IRON SUCRATE,

**Granular**

**Application Rates: (lbs/Nutrient/1000ft)**

		25	5	.75	1.0	1.25	1.5	1.75	2.0
N	lbs/Acre	45	91	136	182	227	272	318	363
	lb/1000	1.04	2.08	3.13	4.17	5.21	6.25	7.29	8.33
P	lbs/Acre	-	-	-	-	-	-	-	-
	lb/1000	-	-	-	-	-	-	-	-
K	lbs/Acre	99	198	297	396	495	594	693	792
	lb/1000	2.27	4.55	6.82	9.09	11.36	13.64	15.91	18.18

# H O W A R D

fertilizer & chemical

Quote Date: 05-08-2019  
 Quote Expires: **Valid for 15 days**  
 Formulation ID: 11254-6789-2  
 Quote #: 35359  
 Plant: 200  
 Prepared By: scarnacchi  
 Est Ship Date: 09-10-2019

QUOTE

## 13-3-13

**50% Slow Release Nitrogen 1.00% Iron(5.850)**

**Customer Information:**

Boynton Quotes  
 1107 Gateway Blvd  
 Boynton Beach FL 33426

**Shipping Information:**

**Guaranteed Analysis (Percent)**

<b>Total Nitrogen (N)</b>	<b>13.00%</b>
1.174% Ammoniacal Nitrogen	
11.826% Urea Nitrogen	
<b>Available Phosphate (P2O5)</b>	<b>3.00%</b>
<b>Soluble Potash (K2O)</b>	<b>13.00%</b>
<b>Chlorine, (Cl) Not More Than</b>	<b>5.000%</b>
2.200% Magnesium as (Mg)	
2.200% Water Soluble Magnesium as (Mg)	
2.000% Manganese as (Mn)	
288% Water Soluble Manganese as (Mn)	
1.000% Iron as (Fe)	
.010% Water Soluble Iron as (Fe)	
4.574% Combined Sulfur as (S)	
040% Boron as (B)	

Unit Size	Qty	Price	Extended
		<b>*Subtotal</b>	<b>\$ 0.00</b>

Derived From:

DIAMMONIUM PHOSPHATE, MURIATE OF POTASH, SULFATE OF POTASH, SULFATE OF POTASH MAGNESIUM, MANGANESE SUCRATE., POLYMER COATED UREA, UREA, IRON SUCRATE., Granubor as sodium borateO.

**Application Rates: (lbs/Nutrient/1000ft)**

		25	5	75	1.0	1.25	1.5	1.75	2.0
N	lbs/Acre	84	168	251	335	419	503	586	670
	lb/1000	1.92	3.85	5.77	7.69	9.62	11.54	13.46	15.38
P	lbs/Acre	363	726	1,089	1,452	1,815	2,178	2,541	2,904
	lb/1000	8.33	16.67	25.00	33.33	41.67	50.00	58.33	66.67
K	lbs/Acre	84	168	251	335	419	503	586	670
	lb/1000	1.92	3.85	5.77	7.69	9.62	11.54	13.46	15.38

# H O W A R D

fertilizer & chemical

Quote Date: 2019-09-10  
 Quote Expires: Valid for 15 days  
 Formulation ID: 2499-1627-1  
 Quote #: 39590  
 Plant: 200  
 Prepared By: Michael Maggio  
 Est Ship Date: 09-10-2019

**QUOTE**

## 16-4-8

**30% Slow Release Nitrogen 1.04% Iron(3.360)**

**Customer Information:**

Boynon Quotes  
 1107 Gateway Blvd  
 Boynton Beach FL 33426

**Shipping Information:**

**Guaranteed Analysis (Percent)**

Total Nitrogen (N)	16.00%
11.195% Ammoniacal Nitrogen	
4.800% Urea Nitrogen	
Available Phosphate (P2O5)	4.00%
Soluble Potash (K2O)	8.00%
Chlorine, (Cl) Not More Than	3.733%
1.200% Magnesium as (Mg)	
1.200% Water Soluble Magnesium as (Mg)	
.573% Manganese as (Mn)	
.076% Water Soluble Manganese as (Mn)	
.025% Copper as (Cu)	
1.041% Iron as (Fe)	
.012% Water Soluble Iron as (Fe)	
.061% Zinc as (Zn)	
.001% Water Soluble Zinc as (Zn)	
13.297% Combined Sulfur as (S)	
.447% Free Sulfur as (S)	
.024% Boron as (B)	

Unit Size	Qty	Price	Extended
		<b>*Subtotal</b>	<b>\$ 0.00</b>

Derived From:

DIAMMONIUM PHOSPHATE, MURIATE OF POTASH, SULFUR, MANGANESE SULFATE, ZINC SULFATE, COPPER SULFATE, BORON

**Application Rates: (lb/1000)**

		25	50	75	1.0	1.25	1.5	1.75	2.0
<b>N</b>	lbs/Acre	68	136	204	204	255	306	357	408
	lb/1000	1.56	3.13	4.69	4.69	5.86	6.93	8.00	9.07
<b>P</b>	lbs/Acre	272	545	817	1089	1361	1633	1905	2178
	lb/1000	6.25	12.50	18.75	25.00	31.25	37.50	43.75	50.00
<b>K</b>	lbs/Acre	136	272	408	545	681	817	953	1089
	lb/1000	3.13	6.25	9.38	12.50	15.63	18.75	21.88	25.00



# H O W A R D

fertilizer & chemical

Quote Date: 2019-09-10  
 Quote Expires: *Valid for 15 days*  
 Formulation ID: 11239-6776-2  
 Quote #: 39593  
 Plant: 200  
 Prepared By: Michael Maggio  
 Est Ship Date: 09-10-2019

**QUOTE**

## 8-10-10

**56% Slow Release Nitrogen 3.00% Iron(4.005)**

**Customer Information:**

Boynton Quotes  
 1107 Gateway Blvd  
 Boynton Beach FL 33426

**Shipping Information:**

Unit Size	Qty	Price	Extended
		<b>*Subtotal</b>	<b>\$ 0.00</b>

**Guaranteed Analysis (Percent)**

<b>Total Nitrogen (N)</b>	<b>8.00%</b>
3.545% Ammoniacal Nitrogen	
4.450% Urea Nitrogen	
<b>Available Phosphate (P2O5)</b>	<b>10.00%</b>
<b>Soluble Potash (K2O)</b>	<b>10.00%</b>
2.000% Magnesium as (Mg)	
2.000% Water Soluble Magnesium as (Mg)	
1.000% Manganese as (Mn)	
.128% Water Soluble Manganese as (Mn)	
.059% Copper as (Cu)	
.001% Water Soluble Copper as (Cu)	
3.001% Iron as (Fe)	
.310% Water Soluble Iron as (Fe)	
.145% Zinc as (Zn)	
.003% Water Soluble Zinc as (Zn)	
6.021% Combined Sulfur as (S)	
.057% Boron as (B)	

**Derived From:**

SULFATE OF POTASH, SULFATE OF POTASH  
 MAGNESIUM, IRON SUCRATE,, IRON SULFATE,,  
 MANGANESE SUCRATE, COPPER SUCRATE,

**Application Rates: (lb/1000 sq ft)**

		25	5	.75	1.0	1.25	1.5	1.75	2.0
N	lbs/Acre	136	272	408	544	680	816	952	1089
	lb/1000	3.13	6.25	9.38	12.50	15.63	18.75	21.88	25.00
P	lbs/Acre	109	218	327	436	545	653	762	871
	lb/1000	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00
K	lbs/Acre	109	218	327	436	545	653	762	871
	lb/1000	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00

# H O W A R D

fertilizer & chemical

Quote Date: 09-10-2019  
 Quote Expires: **Valid for 15 days**  
 Formulation ID: 12002-7221-1  
 Quote #: 39576  
 Plant: 200  
 Prepared By: scarnacchi  
 Est Ship Date: 09-10-2019

## QUOTE

# 7-1-7

## 39% Slow Release Nitrogen 1.00% Iron(2.475)

**Customer Information:**

Boynton Quotes  
 1107 Gateway Blvd  
 Boynton Beach FL 33426

**Shipping Information:**

**Guaranteed Analysis (Percent)**

<b>Total Nitrogen (N)</b>	<b>7.00%</b>
.391% Ammoniacal Nitrogen	
6.610% Urea Nitrogen	
<b>Available Phosphate (P2O5)</b>	<b>1.00%</b>
<b>Soluble Potash (K2O)</b>	<b>7.00%</b>
<b>Chlorine, (Cl) Not More Than</b>	<b>2.000%</b>
2.000% Magnesium as (Mg)	
2.000% Water Soluble Magnesium as (Mg)	
.400% Manganese as (Mn)	
.058% Water Soluble Manganese as (Mn)	
1.000% Iron as (Fe)	
.010% Water Soluble Iron as (Fe)	
3.818% Combined Sulfur as (S)	

Unit Size	Qty	Price	Extended
		<b>*Subtotal</b>	<b>\$ 0.00</b>

Derived From:

DIAMMONIUM PHOSPHATE, POLYMER COATED UREA,  
 UREA, MURIATE OF POTASH, SULFATE OF POTASH  
 MAGNESIUM, MANGANESE SUCRATE, IRON  
 SUCRATE.

**Granular**

Application Rates: (lbs/Nutrient/1000ft)

		.25	.5	.75	1.0	1.25	1.5	1.75	2.0
<b>N</b>	lbs/Acre	156	311	467	622	778	933	1,089	1,245
	lb/1000	3.57	7.14	10.71	14.29	17.86	21.43	25.00	28.57
<b>P</b>	lbs/Acre	1,089	2,178	3,267	4,356	5,445	6,534	7,623	8,712
	lb/1000	25.00	50.00	75.00	100.00	125.00	150.00	175.00	200.00
<b>K</b>	lbs/Acre	156	311	467	622	778	933	1,089	1,245
	lb/1000	3.57	7.14	10.71	14.29	17.86	21.43	25.00	28.57