

Safety Data Sheet (GHS US)

Spra-Green Lawn Fertilizer

16-8-8

SDS Revision Date: 05/2015

1. Identification

1.1. Product identifier

Product Identity Spra-Green Lawn Fertilizer 16-8-8 **Alternate Name**
NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer

Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*15.0 – 20.0	7783-20-2
Urea	*20.0 – 28.0	57-13-6
Monoammonium Phosphate	*10.0 – 14.0	7722-76-1
Muriate of Potash	*7.0 – 15.0	7447-40-7
Calcium Carbonate	*5.0 – 10.0	1317-65-3
Elemental Sulfur	*1.0 – 4.0	7704-34-9
Other components below reportable levels	Trade Secret	Trade Secret

*Designates that the percentage of composition has been withheld as a trade secret.

SAFETY DATA SHEET



Sure Green Crabgrass & Annual Bluegrass Preventer X-X-X

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sure Green Crabgrass & Annual Bluegrass Preventer
EPA Reg. No.: 228-612-87346
Product Type: Herbicide

Company Name: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
1-800-345-3330

Telephone Numbers: For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident,
Call CHEMTREC Day or Night: 1-800-424-9300
For Medical Emergencies Only, Call 1-800-222-1212

This product is an EPA FIFRA registered pesticide. Some classifications on this SDS are not exactly the same as on the FIFRA label. Certain sections are superseded by federal law governed by EPA for a registered pesticide. Please see Section 15. REGULATORY INFORMATION for explanation.

2. HAZARDS IDENTIFICATION

For EPA FIFRA-Specific Information see Section 15

ENVIRONMENTAL HAZARDS:

Hazardous to aquatic environment, acute	Category 2
Hazardous to aquatic environment, chronic	Category 2

HAZARD STATEMENTS:

Toxic to aquatic life with long-lasting effects.



PRECAUTIONARY STATEMENTS

Avoid release to the environment. Collect spillage. Dispose of contents in accordance with local, state, and federal regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO.	% BY WEIGHT
Prodiamine	29091-21-2	0.33 – 0.43
White Mineral Oil	8042-47-5	0.45 – 0.55
Fertilizer: see label for N-P-K analysis		95.02 – 99.99

Synonyms: Prodiamine on fertilizer

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sure Green Weed & Feed Containing Lazer® 15-5-10

EPA Reg. No.: 228-431-87346

Product Type: Herbicide/Fertilizer Mixture

Company Name: Spra-Green Lawn Fertilizer, LLC

PO Box 845

Portales, NM 88130

1-575-356-6636

Telephone Numbers: For Medical Emergencies Only, Call 1-877-325-1840

This product is an EPA FIFRA registered pesticide. Some classifications on this SDS are not the same as on the FIFRA label. Certain sections are superseded by federal law governed by EPA for a registered pesticide. Please see Section 15. REGULATORY INFORMATION for explanation.

2. HAZARDS IDENTIFICATION**PHYSICAL HAZARDS:**

None known.

HEALTH HAZARDS:

Eye damage/Irritation

Category 2B

ENVIRONMENTAL HAZARDS:

Hazardous to aquatic environment, acute

Category 2

Hazardous to aquatic environment, chronic

Category 2

SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

Causes eye irritation. Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS**

Wash hands thoroughly after handling. Avoid unintended release to the environment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Collect spillage.

Dispose of contents in accordance with local, state, and federal regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	% BY WEIGHT
Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid	2008-39-1	0.7 – 0.9
Dicamba (3,6-Dichloro-o-anisic Acid)	1918-00-9	0.02 – 0.04
Dimethylamine Salt of Mecoprop-p Acid	66423-09-4	0.17 – 0.21
Proprietary Granular Carrier	Trade Secret	Trade Secret

Synonyms: Mixture of 2,4-D DMA salt, Dicamba acid, and Mecoprop-p acid

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

If Swallowed: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on Skin or Clothing: Take off contaminated clothing. Wash with soap and water. If irritation develops, get medical attention.

If in Eyes: Hold eye open and rinse slowly and gently with water for several minutes. Remove contact lenses, if present, then continue rinsing eye. Get medical attention if irritation occurs.

If Inhaled: Move person to fresh air. Get medical attention if symptoms develop.

Most Important symptoms/effects: Eye exposure may cause mild irritation. Skin exposure may cause slight irritation.

Indication of Immediate medical attention and special treatment if needed: None expected

5. FIRE FIGHTING MEASURES

Extinguishing Media: Recommended for large fires: foam or water spray. Recommended for small fires: dry chemical or carbon dioxide.

Special Fire Fighting Procedures: Firefighters should wear NIOSH approved self-contained breathing apparatus and full fire-fighting turn out gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.

Unusual Fire and Explosion Hazards: If water is used to fight fire, contain runoff, using dikes to prevent contamination of water supplies. Dispose of fire control water later.

Hazardous Decomposition Materials (Under Fire Conditions): May produce gases such as hydrogen chloride, hydrochloric acid, and oxides of carbon and nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

Environmental Precautions: Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.

Methods for Containment: Dike spill using absorbent or impervious materials such as earth, sand or clay. Collect and contain contaminated absorbent and dike material for disposal.

Methods for Cleanup and Disposal: Pump any free liquid into an appropriate closed container. Collect washings for disposal. Decontaminate tools and equipment following cleanup. See Section 13: DISPOSAL CONSIDERATIONS for more information.

Other Information: Large spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

7. HANDLING AND STORAGE**HANDLING:**

Avoid contact with eyes, skin or clothing. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/Personal Protective Equipment (PPE) immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

STORAGE:

Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizer, seed or other pesticides. Do not stack more than two pallets high. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering Controls:**

Where engineering controls are indicated by specific use conditions or a potential for excessive exposure, use local exhaust ventilation at the point of generation.

Personal Protective Equipment:

Safety Data Sheet (GHS US)

Spra-Green Grass & Weed Barrier

0-0-7

SDS Revision Date: 1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green 0-0-7 Grass & Weed Barrier
Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer
Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.0	7783-20-2
Urea	*0.0 – 0.0	57-13-6
Monoammonium Phosphate	*00.0 – 00.0	7722-76-1
Murate of Potash	*15.0 – 12.0	7447-40-7
Calcium Sulfate	*85.0 – 88.0	7778-18-9
Elemental Sulfur	*0.0 – 0.0	7704-34-9
Iron oxide	0.0– 0.0	1309-37-1
Other components below reportable levels	Trade Secret	Trade Secret

SAFETY DATA SHEET
SURE GREEN GRASS & WEED BARRIER
Plus Lawn Food Containing Dithiopyr X-X-X

1. IDENTIFICATION

Product name: **SURE GREEN GRASS & WEED BARRIER
Plus Lawn Food Containing Dithiopyr X-X-X**

Product type: Herbicide

EPA Registration No.: 53883-209-87346

Chemical name of active ingredient(s): Dithiopyr: 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester

Manufacturer/Registrant: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
(575) 356-6636

Poison Control Center Phone: 1-800-222-1222

2. HAZARDS IDENTIFICATIONS

OSHA HCS CLASSIFICATION (29 CFR 1910.1200)

Acute Toxicity:

	Acute oral	Acute dermal	Acute inhalation	Eye irritation	Skin irritation	Skin Sensitization
Category	NC	NC	4	2A	2	NC

NC: Not classified

SIGNAL WORD: WARNING

HAZARD STATEMENTS:

- Harmful if inhaled
- Causes eye irritation.
- Suspected of causing cancer (Category 2)(Crystalline silica (quartz) CAS No. 14808-60-7)

PICTOGRAMS:



PRECAUTIONARY STATEMENTS:

- Avoid breathing mist, vapors or spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center if you feel unwell.
- Wash hand thoroughly after handling. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice.
- Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves and clothing, eye and face protection.

STORAGE AND DISPOSAL: See Section 7 and 13.

OTHER HAZARDS: See Section 11 and 12.

SAFETY DATA SHEET

SURE GREEN GRASS & WEED BARRIER

Plus Lawn Food Containing Dithiopyr X-X-X

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NO.	%	OSHA PEL	ACGIH TLV	OTHER	NTP/IARC/OSHA (Carcinogen)
Dithiopyr	97886-45-8	0.172	NA	NA	NA	NA
Inert Ingredients, containing:						
Crystalline silica (quartz)*	14808-60-7	>0.1	10 mg/m ³ (TWA) (Respirable Fraction)	0.05 mg/m ³ (TWA) (Respirable Fraction)	NA	IARC: 1** NTP: 1***

NA=Not available; NA=Not applicable.

*May be present as a naturally occurring mineral in the ingredients used in this formulation. The respirable portion of crystalline silica in this product is very small, and excessive inhalation is unlikely under normal conditions of use.

**IARC Group 1: The agent (mixture) is carcinogenic to humans.

***NTP Group 1: Substances or groups of substances, and medical treatments that are known to be carcinogenic.

4. FIRST AID MEASURES

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continuing rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents, call the National Pesticide Telecommunications Network at 1-800-838-7378.	

5. FIRE FIGHTING MEASURES

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Water fog, CO₂, foam, dry chemical.

FIRE & EXPLOSION HAZARDS: Pesticide fires have potential to emit hazardous decomposition products.

FIRE-FIGHTING PROCEDURES: Isolate fire area and evacuate downwind. DO NOT breathe gases, smoke or vapors generated. Wear self-contained breathing apparatus and full-protective clothing.

HAZARDOUS DECOMPOSITION PRODUCTS: May release irritating and toxic gases due to thermal decomposition.

SAFETY DATA SHEET**Sure Green® Lawn Fertilizer Dual Action Insect Control
Plus Lawn Food 19-0-4****SECTION 1: IDENTIFICATION**

Product Name: Sure Green® Lawn Fertilizer Dual Action Insect Control Plus Lawn Food 19-0-4
EPA Registration No.: 53883-395-87346
Recommended Use: Insecticide; See product label for a complete list of uses and use sites.
Restrictions on Use: See product label for any restrictions on the use of this product.
Chemical Family: N/A – Multiple active ingredients
Chemical Name of Active Ingredient(s): Imidacloprid
Manufactured for: Spra-Green Lawn Fertilizer, LLC
 PO Box 845
 Portales, NM 88130

FOR MEDICAL EMERGENCIES AND HEALTH AND SAFETY INQUIRIES CONTACT: National Pesticide Telecommunications Network at (800) 858-7378.

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: Clear to straw colored liquid with little to no odor. Causes eye and skin irritation. Harmful if inhaled.

OSHA HCS CLASSIFICATION (29 CFR 1910.1200)

Flammable Liquids	Category 4
Eye Damage/Irritation	Category 2A
Skin Corrosion/Irritation	Category 2
Acute inhalation toxicity	Category 4
Specific Target Organ Toxicity – Single Exposure	Category 3
Specific Target Organ Toxicity – Repeated Exposure	Category 2
Reproductive Toxicity	Category 2

Signal Word: WARNING



Hazard Statement(s): Combustible liquid.
 Causes serious eye irritation.
 Causes skin irritation.
 Harmful if inhaled.
 May cause respiratory irritation.
 May cause damage to organs (heart, thyroid, blood chemistry, and liver) through prolonged or repeated exposure.
 Suspected of damaging fertility or the unborn child.

Precautionary Statement(s):

Prevention: Keep away from flames and hot surfaces. – No smoking.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Wash hands and exposed skin thoroughly after handling.

Do not breathe mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.

Response: **IN CASE OF FIRE:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water. Specific treatment (see FIRST AID on label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
IF EXPOSED OR CONCERNED: Get medical advice/attention. Get medical advice/attention if you feel unwell.

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

Disposal: Dispose of contents/container in accordance with Federal, state and local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Imidacloprid	138261-41-3	0.20%
Lambda-cyhalothrin	91465-08-6	0.04%
N-methyl-2-pyrrolidinone	872-50-4	0.73 – 0.79%

*Ingredients not listed or listed with a weight % range are considered a trade secret and are withheld under 29 CFR 1910.1200(i).

SECTION 4: FIRST AID MEASURES

IF IN EYES:	Hold eye 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 treatment advice.
IF ON SKIN:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF INGESTED:	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.

Most important symptoms/effects, acute and delayed: Eye, skin and respiratory tract irritation. Reproductive damage and damage to organs.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Safety Data Sheet (GHS US)

Spra-Green Azalea Food

8-12-11

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Azalea Food 8-12-11

Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer

Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*10.0 – 12.0	7783-20-2
Urea	*0.9 – .10	57-13-6
Monoammonium Phosphate	*24.0 – 26.0	7722-76-1
Murate of Potash	*9.0 – 21.0	7447-40-7
Calcium Sulfate	*22.0 – 24.0	7778-18-9
Elemental Sulfur	*0.0 – 0.0	7704-34-9
Iron oxide	0.0– 0.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Bloom Max 10-55-10

SDS Revision Date: 1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green 10-55-10 Bloom Max
Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer
Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.0	7783-20-2
Urea	*9.0 – 11.0	57-13-6
Monoammonium Phosphate	*49.0 – 51.0	7722-76-1
Murate of Potash	*9.0 – 11.0	7447-40-7
Calcium Sulfate	*00.0 – 00.0	7778-18-9
Elemental Sulfur	*0.0 – 0.0	7704-34-9
Iron oxide	0.0– 0.0	1309-37-1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SURE GREEN GARDEN MAX 20-20-20
Chemical Name: Mix of Inorganic Salts
Guaranteed Analysis 20% N, 20% P₂O₅, 20% K₂O
CAS Registry Number: Proprietary
Product Use: Fertilizer – Dry. For Foliar or Soil Application
**Manufactured for and
Distributed By:** SPRA-GREEN LAWN FERTILIZER
PO BOX 845, PORTALES, NM 88130
Telephone: 575-356-6636
Emergency Phone #s: FOR CHEMICAL EMERGENCY
(Spill, Leak, Fire, Exposure or Accident) 800-535-5053
FOR MEDICAL/HANDLING EMERGENCIES
INFOTRAC USA: 800-535-5053 - International: 352-323-3500

2. SIGNAL WORD: WARNING



Irritant

EMERGENCY OVERVIEW Pale Blue Powder. Not flammable or explosive, but will decompose in extreme heat to produce toxic fumes of oxides of nitrogen, ammonia, oxides of phosphorous, and oxides of potassium. This product contains an oxidizer and may increase the intensity of a fire.

MAY CAUSE EYE, SKIN, AND RESPIRATORY IRRITATION.

- Avoid contact with skin and clothing. Wash after handling.
- Wear appropriate personal protective equipment. (See Section 8 for additional information)

Appearance and odor: Pale Blue Powder, Odorless

POTENTIAL HEALTH EFFECTS (See Section 11 for additional information)

Primary Route (s) of Exposure: Dermal Contact, Eye Contact, Inhalation, Ingestion

Acute Exposure:

- Inhalation No known significant effects or critical hazards
- Eye Contact Irritating to eyes
- Skin Contact Practically non-toxic in contact with skin. Irritation to skin.
- Ingestion Practically non-toxic if swallowed.

Carcinogenicity:

Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Chronic Effect/Developmental

Repeated skin exposure can produce local skin destruction or dermatitis. Repeated exposure to the eyes to a low level of dust can produce eye irritation.

Medical Conditions Aggravated:

Skin conditions, Eye conditions, Gastrointestinal condition

POTENTIAL ENVIRONMENTAL EFFECTS (See Section 12 for additional information)

This material is a water pollutant. Do Not let spilled or leaking material enter waterways.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients (See Section 8 for Exposure Limits)	% (w/w)	CAS Number	Air Threshold Limit Value
Urea	21-23%	57-13-6	15.00mgCO(NH ₂) ₂ /m ³
Monoammonium Phosphate	32-34%	7722-76-1	N/D
Potassium Nitrate	42-44%	7757-79-1	N/D
Sodium Borate	<1	12280-03-4	10.00mgB ₂ O ₃ /m ³
Cu EDTA	<1	14025-15-1	N/D
Fe EDTA	<1	15708-41-5	N/D
Mn EDTA	<1	15375-84-5	5.00mg Mn/m ³
Sodium Molybdate	<1	10102-40-6	5.00mg Mo/m ³
Zn EDTA	<1	14025-21-9	N/D

4. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. Get medical attention.

Eye Contact: Check for and remove any contact lenses. Rinse immediately with plenty of water. Get medical attention.

Skin Contact: Wash with soap and water. Get medical attention if symptoms occur.

Ingestion: Do Not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

5. FIRE FIGHTING MEASURES

Conditions of Flammability: Non Flammable

Flash Point (Method): N/A

Auto-Ignition Temperature: N/A

Extinguishing Media: This product is not flammable or combustible. If involved in a fire, use water fog or spray, dry chemical, foam or carbon dioxide extinguishing agents.

Fire Fighting Procedures: Wear self-contained breathing apparatus, approved by NIOSH. Do not wash material into any streams, waterways, drainage ditches, or storm sewers, etc. Impound liquids used in firefighting to prevent entry into streams, ditches, sewers, etc.

Fire & Explosion Hazards: Not flammable or explosive.

Hazardous Combustion Products: Oxides of nitrogen, phosphorus and potassium. Ammonia

	Health:	Fire:	Reactivity:	Other:
NFPA Hazard Rating	1	0	0	None
<i>[0 – Minimal 1 – Slight 2 – Moderate 3 – High 4 – Extreme]</i>				

Safety Data Sheet (GHS US)

Spra-Green Hibiscus Food

10-4-12

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Hibiscus Food 10-4-12

Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer

Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*5.0 – 6.00	7783-20-2
Urea	*17.0 – 19.0	57-13-6
Monoammonium Phosphate	*9.0 – 11.0	7722-76-1
Murate of Potash	*19.0 – 22.0	7447-40-7
Calcium Sulfate	*34.0 – 36.0	7778-18-9
Elemental Sulfur	*4.0 – 6.0	7704-34-9
Iron oxide	2.0– 3.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Color Max Food

19-13-6

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Color Max 19-13-6

Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer

Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.00	7783-20-2
Urea	*36.0 – 38.0	57-13-6
Monoammonium Phosphate	*25.0 – 27.0	7722-76-1
Murate of Potash	*10.0 – 12.0	7447-40-7
Calcium Sulfate	*0.0 – 0.0	7778-18-9
Elemental Sulfur	*19.0 – 21.0	7704-34-9
Iron oxide	4.0– 5.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Crapemyrtle Food

12-10-8

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Rose Food 12-10-8

Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer

Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.00	7783-20-2
Urea	*22.0 – 24.0	57-13-6
Monoammonium Phosphate	*20.0 – 22.0	7722-76-1
Murate of Potash	*14.0 – 16.0	7447-40-7
Calcium Sulfate	*27.0 – 29.0	7778-18-9
Elemental Sulfur	*4.0 – 6.0	7704-34-9
Iron oxide	2.0– 3.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Bougainvillea Food

10-4-12

SDS Revision Date: 1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Bougainvillea Food
Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer
Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*5.0 – 0.60	7783-20-2
Urea	*17.0 – 19.0	57-13-6
Monoammonium Phosphate	*9.0 – 11.0	7722-76-1
Murate of Potash	*19.0 – 22.0	7447-40-7
Calcium Sulfate	*34.0 – 36.0	7778-18-9
Elemental Sulfur	*0.0 – 0.0	7704-34-9
Iron oxide	90.0– 11.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Max Green

0-0-0-22%Iron 55%Sulfur

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Max Green 0-0-0-22%Iron 55% Sulfur

Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer

Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.00	7783-20-2
Urea	*0.0 – 0.0	57-13-6
Monoammonium Phosphate	*0.0 – 0.0	7722-76-1
Murate of Potash	*0.0 – 0.0	7447-40-7
Calcium Sulfate	*0.0 – 0.0	7778-18-9
Elemental Sulfur	*54.0 – 56.0	7704-34-9
Iron oxide	21.0—23.0	1309-37-1
Zinc oxide	0.0— 0.0	
Other components below reportable levels	Trade Secret	Trade Secret

Safety Data Sheet (GHS US)

Spra-Green Palm Food

13-5-13

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity

Spra-Green Palm Food 13-5-13

Alternate Name

NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

Fertilizer pre emerge weed killer

Application Method

See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by:

Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*6.0 – 7.00	7783-20-2
Urea	*24.0 – 26.0	57-13-6
Monoammonium Phosphate	*10.0 – 12.0	7722-76-1
Murate of Potash	*21.0 – 23.0	7447-40-7
Calcium Sulfate	*21.0 – 23.0	7778-18-9
Elemental Sulfur	*4.0 – 6.0	7704-34-9
Iron oxide	2.0– 3.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Rose Food

12-10-8

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Rose Food 12-10-8
Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer
Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.00	7783-20-2
Urea	*22.0 – 24.0	57-13-6
Monoammonium Phosphate	*20.0 – 22.0	7722-76-1
Murate of Potash	*14.0 – 16.0	7447-40-7
Calcium Sulfate	*27.0 – 29.0	7778-18-9
Elemental Sulfur	*4.0 – 6.0	7704-34-9
Iron oxide	2.0– 3.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Tomato Food

12-14-11

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Tomato Food 12-14-11
Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer
Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.00	7783-20-2
Urea	*23.0 – 25.0	57-13-6
Monoammonium Phosphate	*27.0 – 29.0	7722-76-1
Murate of Potash	*19.0 – 21.0	7447-40-7
Calcium Sulfate	*17.0 – 20.0	7778-18-9
Elemental Sulfur	*4.0 – 6.0	7704-34-9
Iron oxide	2.0 – 3.0	1309-37-1

Safety Data Sheet (GHS US)

Spra-Green Tree & Shrub Food 14-5-5

SDS Revision Date:

1/1/19

1. Identification

1.1. Product identifier

Product Identity Spra-Green Tree & Shrub Food 14-5-5
Alternate Name NPK fertilizer. See label for Guaranteed Analysis.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Fertilizer pre emerge weed killer
Application Method See product label

1.3. Details of the supplier of the safety data sheet

Manufactured by: Spra-Green Lawn Fertilizer, LLC
PO Box 845
Portales, NM 88130
Phone – (575) 356-6636

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

Prevention:

Observe good industrial hygiene practices.

Response:

Wash hands after handling

Storage:

Store in a cool dry location away from incompatible materials

Disposal:

Dispose of waste and residues in accordance with local authority requirements.

3. Composition/information on ingredients

Mixtures:

Ingredient/Chemical Designations	Weight %	CAS Number
Ammonium Sulfate	*0.0 – 0.00	7783-20-2
Urea	*27.0 – 31.0	57-13-6
Monoammonium Phosphate	*10.0 – 12.0	7722-76-1
Murate of Potash	*9.0 – 11.0	7447-40-7
Calcium Sulfate	*0.0 – 0.0	7778-18-9
Elemental Sulfur	*29.0 – 31.0	7704-34-9
Iron oxide	3.0—5.0	1309-37-1
Zinc oxide	6.0– 8.0	

SAFETY DATA SHEET

Restore2Green

SDS DATE: 3/10/2023

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Restore2Green

DISTRIBUTOR/GUARANTOR ADDRESS: Spra-Green Lawn Fertilizer LLC
221 N Main Ave, PO Box 845, Portales, NM 88130

EMERGENCY CHEMTREC PHONE: US: 1-800-424-9300 International: 1-202-483-7616

CHEMICAL NAME: Proprietary Mixture
CHEMICAL FAMILY: Micronutrient
CHEMICAL FORMULA: Mixture

PRODUCT USE: Micronutrient Fertilizer

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories

Signal Word: NONE

GHS Hazards
NONE

Precautions

P102 Keep out of reach of children.
P102 Read label before use.
P233 Keep container tightly closed.
P234 Keep only in original container.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P281 Use personal protective equipment as required.
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously.

SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT

Acetic acid, oxo-, sodium salt, reaction products with ethylenediamine and phenol, Iron sodium salts

CAS NO.

84539-55-9

%WT

100%

NOTE: Product does NOT contain any pesticides or pest control agents.

SECTION 3 NOTES: These specific chemical identity and or exact percentage (concentration) of composition has been withheld as a trade secret.

CARCINOGENICITY

OSHA: No

ACGIH: No

NTP: No

IARC: No

OTHER: No

SAFETY DATA SHEET

Restore2Green

SDS DATE: 3/10/2023

SECTION 4: FIRST AID MEASURES

EYE CONTACT: *IF IN EYES:* Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then then continue rinsing. Have product container with you when calling a poison control center or doctor, or going for treatment.

SKIN CONTACT: *IF ON SKIN OR CLOTHING:* Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

INGESTION: *IF SWALLOWED:* Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

INHALATION: *IF INHALED:* If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

OTHER: -

IN CASE OF A FIRE: Water, carbon dioxide, dry chemical or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus with fighting any fire in an enclosed area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

INDIVIDUAL PRECAUTIONS: Avoid contact with eyes and skin, avoid breathing dust, and ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS: prevent product from reaching surface water.

CLEANING AND HOLDING MATERIAL: Collect the product by mechanical means and store in appropriate containers for its disposal. Label the containers and proceed by regarding the local authority's rules. Clean the remaining product with water while avoiding contamination of natural water sources.

SECTION 6 NOTES: None

HANDLING: Keep out of reach of children. Read label before use. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling. Use personal protective equipment as required.

STORAGE: Store in a cool well-ventilated place. Do not store in sunlight. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

SECTION 6 NOTES: None

SAFETY DATA SHEET

Restore2Green

SDS DATE: 3/10/2023

SECTION 7: HANDLING AND STORAGE

Contains no substances with occupational exposure limit values

VENTILATION:	Normal room ventilation (mechanical) or outdoor use should be satisfactory.
RESPIRATORY PROTECTION:	Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.
EYE PROTECTION:	Chemical goggles and face shield.
SKIN PROTECTION:	Chemical gloves, long-sleeved shirts and pants.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash and safety shower should be easily accessible.	
WORK HYGIENIC PRACTICES:	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
EXPOSURE GUIDELINES:	If exposed, see section 4 for acute exposure first aid.
SECTION 8 NOTES:	None

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dark red-black microgranular	FLAMMABLE LIMITS IN AIR, UPPER: (% BY VOLUME)	Unknown
		LOWER:	Unknown
ODOR:	Moderate	VAPOR PRESSURE (mmHg):	@
ODOR THRESHOLD:	Unknown		F: Unknown C: Unknown
PHYSICAL STATE:	Solid microgranulated powder		
pH AS SUPPLIED:	7.5 – 9.5	VAPOR DENSITY (AIR = 1):	@
			F: Unknown C: Unknown
INITIAL BOILING POINT:	F: Unknown C: Unknown	RELATIVE DENSITY:	450-650 Kg/m ³
BOILING POINT RANGE:	F: Unknown C: Unknown	EVAPORATION RATE: BASIS (butyl acetate=1)	Unknown
MELTING POINT:	F: Unknown C: Unknown	SOLUBILITY IN WATER:	SOLUBLE
FREEZING POINT:	F: Unknown C: Unknown	PARTITION COEFFICIENT: (n-octanol/water)	< -4,2 a 23°C
FLASH POINT:	F: Unknown C: Unknown	AUTO-IGNITION TEMPERATURE:	331° c @ 1013.25 hPa
METHOD USED:	Unknown	DECOMPOSITION TEMPERATURE:	Unknown
FLAMMABILITY (solid, gas):		VISCOSITY:	@ F: Unknown C: Unknown

SECTION 9 NOTES: Values are not product specifications.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SAFETY DATA SHEET

Restore2Green

SDS DATE: 3/10/2023

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable ☒ Unstable ☐

CONDITIONS TO AVOID (STABILITY): Keep away from flame, hot surfaces and ignition sources.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: By pyrolysis toxic fumes such as carbon oxides (CO, CO₂) and nitrogen oxides (NO_x) can be produced.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY: This product does not show any acute toxic effects

SKIN CORROSION/IRRITATION: Non-irritable

COMPONENT TOXICITY: Not available

CHRONIC TOXICITY: Non-carcinogenic, non-mutagenic, and non-teratogenic

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

ECOTOXICITY: Non-toxic

BIOACCUMULATIVE POTENTIAL: Non-bioaccumulable

MOBILITY IN SOIL: Not available

OTHER ADVERSE EFFECTS: Not available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local/ regional/ national/ international regulations.

CONTAINER DISPOSAL: Not available

RCRA HAZARD CLASS: None

SECTION 13 NOTES: None

SAFETY DATA SHEET

Restore2Green

SDS DATE: 3/10/2023

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT Shipping Description: Not Regulated

U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

OTHER AGENCIES: None

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not regulated

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

*Designates that the percentage of composition has been withheld as a trade secret.

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation develops and persists.
Eyes	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Treat symptomatically.
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5. Fire-fighting measures

5.1. Extinguishing media

Water spray.

5.3. Advice for fire-fighters

Foam, Carbon dioxide, dry extinguishing powder, sand

Wear a self-contained breathing apparatus and chemical resistant suit. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Waste disposal according to official state regulations.

5.4. General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill. For personal protection, see Section 8 of the SDS.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Do not empty into drains or the aquatic environment. Collect mechanically. Treat the assimilated material according to the section on waste disposal. Clear contaminated area thoroughly.

7. Handling and storage

7.1. Precautions for safe handling

Avoid prolonged exposure. Observe good industrial hygiene practices.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
7783-20-2	Ammonium Sulfate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
57-13-6	Urea	OSHA	No Established Limit
		ACGIH	TWA: 10 mg/m3
		NIOSH	TWA 1 mg/m3
7722-76-1	Monoammonium phosphate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
7447-40-7	Murate of potash	OSHA	TWA: 15 mg/m3 (total dust); TWA: 5 mg/m3 (respirable)
		ACGIH	No Established Limit
		NIOSH	No Established Limit
7778-18-9	Calcium Sulfate	OSHA	TWA: 15 mg/m3 (total dust); TWA: 5 mg/m3 (respirable)
		ACGIH	TWA: 10 mg/m3 (total dust)
		NIOSH	TWA: 10 mg/m3 (total dust); TWA: 5 mg/m3 (respirable)
7704-34-9	Elemental Sulfur	OSHA	TWA: 15 mg/m3 (total dust)
		ACGIH	No Established Limit
		NIOSH	No Established Limit
1309-37-1	Iron Oxide	OSHA	No Established Limit

8.2. Exposure controls

Respiratory

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection required in case of: Generation/formation of dust exceeding critical value. Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1 or N95-N100 particle filter

Eyes

Eye protection: not required. Avoid generation of dust. In the case of the formation of dust: Dust protection goggles.

Skin

Wear overalls to keep skin contact to a minimum. Hand protection: not required. Wash hands thoroughly after handling.

Engineering Controls

Avoid generation of dust. In the case of high dust generation: In case of open handling, use devices with built-in suction where possible. If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See Section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	White, yellow, brown, gray granules
Odor	Not available
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	Not Measured
Solubility in Water	90% Soluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Density	60 lbs/cu. ft.

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Protect against UV radiation/sunlight, heat, moisture.

10.5. Incompatible materials

Strong oxidizing agents and bases.

10.6. Hazardous decomposition products

Can be released in case of fire: Nitrogen oxides, ammonia, carbon monoxide, carbon dioxide

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Ammonium Sulfate, CAS No. 7783-20-2	2840 mg/kg (rat)	No data available	No data available	No data available	No data available
Urea, CAS No. 57-13-6	8471 mg/kg (rat)	No data available	No data available	No data available	No data available
Monoammonium phosphate, CAS No. 7722-76-1	5750 mg/kg (rat)	7940 mg/kg (rabbit)	No data available	No data available	No data available
Muriate of Potash, CAS No. 7447-40-7	2.6 g/kg	No data available	No data available	No data available	No data available
Calcium Sulfate CAS No. 7778-18-9	6450 mg/kg (rat)	No data available	No data available	No data available	No data available
Elemental Sulfur, CAS No. 7704-34-9	5587 mg/kg (rat)	>2000 mg/kg (rabbit)	5.2 mg/L	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	—	Not Applicable
Acute toxicity (dermal)	—	Not Applicable
Acute toxicity (inhalation)	—	Not Applicable
Skin corrosion/irritation	—	Not Applicable
Serious eye damage/irritation	—	Not Applicable
Respiratory sensitization	—	Not Applicable
Skin sensitization	—	Not Applicable
Germ cell mutagenicity	—	Not Applicable
Carcinogenicity	—	Not Applicable
Reproductive toxicity	—	Not Applicable
STOT-single exposure	—	Not Applicable
STOT-repeated exposure	—	Not Applicable
Aspiration hazard	—	Not Applicable

12. Ecological information

12.1. Toxicity

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Ammonium Sulfate, CAS No. 7783-20-2	75500 ug/L (Mosambique tilapia)	Not Available	Not Available

Urea, CAS No. 57-13-6	8471 mg/kg	16200 – 18300 mg/l	Not Available
Monoammonium phosphate, CAS No. 7722-76-1	155 mg/l	Not Available	Not Available
Muriate of Potash, CAS No. 7447-40-7	2010 mg/l	2500 mg/l	Not Available
Calcium Sulfate, CAS No. 7778-18-9	Not Available	Not Available	Not Available
Elemental Sulfur, CAS No. 7704-34-9	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on this product itself.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

DOT – Not regulated as dangerous goods.

IATA – Not regulated as dangerous goods.

IMDG – Not regulated as dangerous goods.

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
CERCLA Hazardous Substance List	The components of this material are not listed.
SARA 311/312 Chemicals and RQs:	
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.	
SARA 302 Extremely Hazardous:	
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.	
SARA 313 Toxic Chemicals:	
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.	

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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