

Notice of Turf Fertilizer Application

Date of Application: 3/13- 4/10, 2023

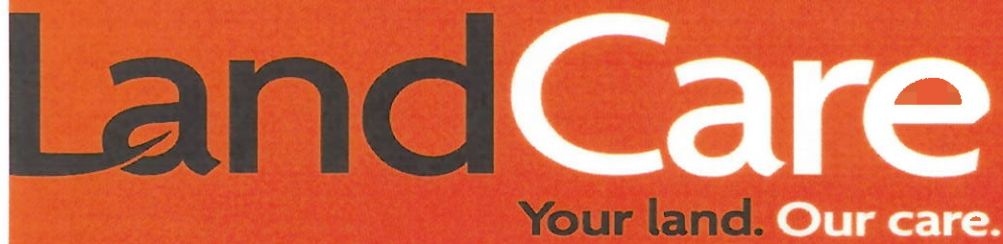
Locations:

North of Summerlin Parkway

- Town Center - Summerlin Parkway to S. Roundabout
- Hills Center - Village Center Circle to Lake Mead
- Village Center Circle (West Loop) – N. Roundabout to S.Roundabout
- Trail Center - Village Center Circle (West Loop) to Spring Gate
- Trailwood - Village Center Circle (West Loop) to Spring Gate
- Village Center Circle (East Loop) – N. Roundabout to S.Roundabout
- Hills Dr - Village Center Circle (East Loop) to Eagle Hills Sign
- Highpointe Mini Park
- Sunset Crest Mini Park
- Amarate Mini Park
- Willow Bend Min Park
- Panorama Mini Park #1 & # 2
- N. side of Hillpointe in front of Hills Park
- Copper Ridge Mini Park # 1 & # 2
- Hillpointe Mini Park
- Cielo Vista Mini Park across from la Mirada Entryway
- Cielo Vista Mini Park across from Vista del Oro Breezeway
- Plateu Mini Park

South of Summerlin Parkway

- Town Center - Summerlin Parkway to Charleston
- E. side of Pavilion Center - Charleston to Park Run
- Glenmere Mini Park
- Manorwood Mini Park
- Rosedale Mini Park
- Oak Knoll Mini Park
- Chardonnay Hills/Ridge Mini Park off Greenmoor
- Chardonnay Hills/Ridge Mini Park off LaurelGlen
- Royalwood Mini Park
- Westbrook Mini Park
- Arbor Grove Mini Park
- Oak Hills Breezeway off Banburry Cross
- Oak Hills Mini Park
- Fallbrook Mini Park
- Fallbrook Breezeway
- Brookfield Mini Park
- Arbor View Mini Park
- Sonoma Mini Park
- Napa Hills Mini Park
- Sycamore Ridge Mini Park
- Hghland Hills Mini park #1 & #2



Summerlin Branch
1770 N, Rampart Blvd.
Las Vegas NV 89128
Landcare.com
License # 0051032

Reason for Application: Target in fertilization in all turf areas

Product Manufacturer Name: Turf Gro 18-5-0 Granular Fertilizer.

*EPA Registration No. 32802-66

*Active Ingredient: Prodiamine

*Signal Word: Warning

Product Manufacturer Name: Best EverGreen 18-5-0 Granular Fertilizer.

*EPA Registration No. 70001 - 374

*Active Ingredient: Ammoniacal Nitrogen

*Signal Word: Warning

*Precautionary statement: Avoid Breathing Dust

***Attached is the product label and safety Date Sheets**

Best EverGreen 18-5-0 + %5 Iron

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 09/03/2021 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : Best EverGreen 18-5-0 + %5 Iron
 Product code : M15005

1.2. Recommended use and restrictions on use

1.3. Supplier

JR Simplot Company
 P.O. Box 70013
 Boise, ID 83707
 T 1-208-336-2110

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Serious eye damage/eye irritation, Category 2 H319 Causes serious eye irritation.
 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335 May cause respiratory irritation.

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H319 - Causes serious eye irritation.
 H335 - May cause respiratory irritation.

Precautionary statements (GHS US) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 - Wash hands, forearms and face thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 - Call a poison center/doctor/... if you feel unwell
 P337+P313 - If eye irritation persists: Get medical attention
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 P405 - Store locked up.
 P501 - Dispose of contents/container to ...in accordance with local/regional/national regulations

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

Best EverGreen 18-5-0 + %5 Iron

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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
ammonium sulfate (7783-20-2)	(CAS-No.) 7783-20-2		Not classified
Monoammonium Phosphate	(CAS-No.) 7722-76-1		Eye Irrit. 2B, H320 STOT SE 3, H335
Iron Oxysulfate			Eye Irrit. 2B, H320
Sand			STOT SE 3, H335
Wax	(CAS-No.) 64771-72-8		Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

- Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Best EverGreen 18-5-0 + %5 Iron

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6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product. On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Best EverGreen 18-5-0 + %5 Iron
No additional information available
Monoammonium Phosphate (7722-76-1)
No additional information available
Iron Oxsulfate
No additional information available
Sand
No additional information available
Wax (64771-72-8)
No additional information available
ammonium sulfate (7783-20-2) (7783-20-2)
No additional information available

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses. Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Best EverGreen 18-5-0 + %5 Iron

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Personal protective equipment symbol(s):



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Dark gray colored granules.
Colour	: Dark Gray
Odour	: No data available on odour
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Non-flammable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Oxidizing agent. Prolonged contact may cause oxidation of unprotected metals. Strong acids. Strong bases.

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10.6. Hazardous decomposition products

The product may reach melting point and decompose to release NH₃, SO_x, PO_x, or CN. fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
 Acute toxicity (dermal) : Not classified
 Acute toxicity (inhalation) : Not classified

Monoammonium Phosphate (7722-76-1)	
LD50 oral rat	5750 mg/kg (Rat)
LD50 dermal rabbit	> 7940 mg/kg (Rabbit)

ammonium sulfate (7783-20-2) (7783-20-2)	
LD50 oral rat	2840 mg/kg (Rat)
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Causes serious eye irritation.
 Respiratory or skin sensitisation : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

Monoammonium Phosphate (7722-76-1)	
STOT-single exposure	May cause respiratory irritation.

Sand	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified
 Viscosity, kinematic : No data available

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Monoammonium Phosphate (7722-76-1)	
LC50 fish 1	155 ppm (96 h; Pimephales promelas)

ammonium sulfate (7783-20-2) (7783-20-2)	
LC50 fish 1	126 mg/l (96 h; Poecilia reticulata)
EC50 Daphnia 1	202 mg/l (96 h; Daphnia magna)
LC50 fish 2	250 – 480 mg/l (96 h; Brachydanio rerio)
EC50 Daphnia 2	433 mg/l (50 h; Daphnia magna)
TLM fish 1	1290 ppm (96 h; Gambusia affinis)

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12.2. Persistence and degradability

Best EverGreen 18-5-0 + %5 Iron	
Persistence and degradability	Not established.
Monoammonium Phosphate (7722-76-1)	
Persistence and degradability	Biodegradability in water: no data available. Not established.
Iron Oxysulfate	
Persistence and degradability	Not established.
Sand	
Persistence and degradability	Not established.
Wax (64771-72-8)	
Persistence and degradability	Not established.
ammonium sulfate (7783-20-2) (7783-20-2)	
Persistence and degradability	Biodegradability in water: no data available. Not established.

12.3. Bioaccumulative potential

Best EverGreen 18-5-0 + %5 Iron	
Bioaccumulative potential	Not established.
Monoammonium Phosphate (7722-76-1)	
Bioaccumulative potential	Not bioaccumulative. Not established.
Iron Oxysulfate	
Bioaccumulative potential	Not established.
Sand	
Bioaccumulative potential	Not established.
Wax (64771-72-8)	
Bioaccumulative potential	Not established.
ammonium sulfate (7783-20-2) (7783-20-2)	
Partition coefficient n-octanol/water (Log Pow)	-5.1
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid unintentional release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
 Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
 Ecology - waste materials : Avoid unintentional release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Other information : No supplementary information available.

Best EverGreen 18-5-0 + %5 Iron

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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Transportation of Dangerous Goods

Transport by sea

Air transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Best EverGreen 18-5-0 + %5 Iron		
Not listed on the United States TSCA (Toxic Substances Control Act) inventory		
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:		
Iron Oxysulfate	CAS-No.	%
Sand	CAS-No.	%

15.2. International regulations

CANADA

Monoammonium Phosphate (7722-76-1)
Listed on the Canadian DSL (Domestic Substances List)
Sand
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)
Wax (64771-72-8)
Listed on the Canadian DSL (Domestic Substances List)
ammonium sulfate (7783-20-2) (7783-20-2)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
ammonium sulfate (7783-20-2)(7783-20-2)	U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 09/03/2021
Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information : None.

Full text of H-statements:

H319	Causes serious eye irritation.
H320	Causes eye irritation
H335	May cause respiratory irritation.

SDS US (GHS HazCom 2012)

Best EverGreen 18-5-0 + %5 Iron

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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TURFGRO 18-5-0

PROFESSIONAL FERTILIZER

ITEM # 11367 SGN: 240-250

GUARANTEED ANALYSIS

Total Nitrogen (N).....	18.00%
0.21% Ammoniacal Nitrogen	
1.04% Other Water Soluble Nitrogen	
14.33% Urea Nitrogen	
2.42% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅).....	5.00%
Calcium (Ca).....	1.73%
Iron (Fe).....	5.00%

Derived from: Biosolids, Monoammonium Phosphate, Urea and Iron Oxide.

Net Weight: 50 lb./22.68 kg

Directions for use:
 GENERAL: Read the label. This product is suitable for use in any given application depends on existing soil chemistry, turf type and intended use of the turf area. The best results with this product are obtained when it is applied to actively growing grass and watered into the turf soon after application. Avoid mowing immediately following application to prevent pick-up. Application with rotary or pendulum spreaders is recommended for uniform distribution. The use of a drop spreader is not recommended. Consult your spreader manual or spreader manufacturer to determine spreader settings to achieve application rates desired. You may need to adjust the setting depending on the walking speed, spreader condition, and product.

Do not apply near water storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, garden, and sweep any product that lands in the driveway, sidewalk or street back onto your lawn/garden. Walkways should be dry at time of application. This product may stain or leave residue on driveways, walkways, streets, patios and other non-target areas.

For Commercial Use Only
WARRANTY
 MAS TO THE EXTENT PERMITTED BY LAW, MAS, NEITHER MAKES NOR INTENDS NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING OR CAUTIONS. BUYER'S CLAIMS, DAMAGES, REPAIRS, REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO THE REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. MAS and the seller offer this product and the Buyer and User accept it subject to the foregoing conditions of sale and warranty.

Information concerning the raw materials contained in this product can be obtained by writing to: MAS PO BOX 732 NEWBERG OR 97132 referring to the item number found on this bag.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.horizononline.com>

Manufactured & Guaranteed by MAS PO BOX 732 NEWBERG OR 97132
 Distributed by Horizon Distributors, Inc., 5214 S. 30th St., Phoenix, AZ 85040

The TurfGro brand is owned and Trademarked by Horizon Distributors Inc. | horizononline.com | 1.866.TURFGRO

! WARNING - KEEP OUT OF THE REACH OF CHILDREN
 Causes Skin Irritation. Causes eye irritation. Harmful if inhaled. Wear protective gloves and other clothing to prevent exposure. Wash thoroughly after handling. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Keep container tightly closed. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention. IF IN EYES: Rinse cautiously with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. If medical advice is needed, have product container or label at hand. Dispose of contents or container as directed on this label, or call your local waste agency for disposal instructions. Dispose of empty container out of reach of children. Storage: Store in original container out of reach of children.

COVERAGE (Labeled at a rate of 5.5 lb per 1,000 sq ft)
 This 50-lb bag will cover approximately 9,050 sq ft. 47 - 50 lb. bags will cover 1 acre
 This 50-lb bag will provide the following nutrient per 1,000 sq ft:
 Nitrogen (N) 1 lb
 Phosphate (P₂O₅) 0.27 lb

AgOximate Spreader, Squires Lesco® - 13 Earthway® - E TurfGro/Spyker - 5.2

These recommended spreader settings are given for a walking speed of approximately 3.5 mph. Provided for guidance only. Exact rates cannot be guaranteed - rates depend on the spreader, operator and environment. Calibration of spreader at each usage is recommended. See Directions for Use for further recommendations.



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SAFETY DATA SHEET

EMERGENCY NUMBER (CHEMTEL): 1-800-255-3924

TurfGro Granular Fertilizer – All Analyses

HORIZON DISTRIBUTORS, INC.

PHOENIX, ARIZONA 85040

Version 1.0 | Effective Date: May 18, 2015

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture
Product Name: TurfGro Granular Fertilizer – All Analyses
Other means of identification: Granular fertilizers including all chemical partially sulfur coated, 100% polymer or sulfur coated nutrients, with and without micronutrients.

1.2. Intended Use of the Product

Use of the substance/mixture: Fertilizer for use by Landscape Professionals.

1.3. Name, Address, and Telephone of the Responsible Party Company

Horizon Distributors, Inc.
 5214 South 30th Street
 Phoenix, Arizona 85040

1.4. Emergency Telephone Number

Emergency Number: 1-800-255-3924
 For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTEL Day or Night

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1	H317
STOT SE 3	H335
Aquatic Acute 3	H402
Aquatic Chronic 3	H412

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Warning



SAFETY DATA SHEET

EMERGENCY NUMBER (CHEMTEL): 1-800-255-3924

TurfGro Granular Fertilizer – All Analyses

HORIZON DISTRIBUTORS, INC.

PHOENIX, ARIZONA 85040

Version 1.0 | Effective Date: May 18, 2015

Hazard Statements (GHS-US)

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation H335 -

May cause respiratory irritation H402 -

Harmful to aquatic life

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements (GHS-US)

P261 - Avoid breathing dust

P264 - Wash hands thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area

P272 - Contaminated work clothing should not be allowed out of the workplace

P273 - Avoid release to the environment

P280 - Wear eye protection, protective gloves, protective clothing

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

P312 - Call a POISON CENTER/doctor/physician if you feel unwell

P321 - Specific treatment (see Section 4)

P332+P313 - If skin irritation occurs: Get medical advice/attention P333+P313 -

If skin irritation or rash occurs: Get medical advice/attention P337+P313 - If

eye irritation persists: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse P362+P364 - Take

off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up

P501 - Dispose of contents/container according to local, regional, national, and international regulations

2.3. Other Hazards

Other Hazards: No additional information available

2.4. Unknown Acute Toxicity (GHS-US)

No data available



SAFETY DATA SHEET

EMERGENCY NUMBER (CHEMTEL): 1-800-255-3924

TurfGro Granular Fertilizer – All Analyses

HORIZON DISTRIBUTORS, INC.

PHOENIX, ARIZONA 85040

Version 1.0 | Effective Date: May 18, 2015

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Urea	(CAS No) 57-13-6	0.1 - 98	Skin Irrit. 2, H315 Eye Irrit. 2B, H320
Potassium Sulfate, SOP, Sulfate of Potash	(CAS No) 7778-80-5	0.1 - 95	Not classified
Diammonium phosphate	(CAS No) 7783-28-0	0.1 - 95	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335 Aquatic Acute 3, H402
Potassium chloride	(CAS No) 7447-40-7	0.1 - 95	Aquatic Acute 3, H402
Monoammonium phosphate	(CAS No) 7722-76-1	0.1 - 95	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
Ammonium sulfate	(CAS No) 7783-20-2	0.1 - 95	Aquatic Acute 2, H401
Limestone	(CAS No) 1317-65-3	0.1 - 95	Not classified
Sulfur	(CAS No) 7704-34-9	0.1 - 20	Comb. Dust, H232 Flam. Sol. 2, H228 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Aquatic Acute 3, H402
Iron oxide (Fe2O3)	(CAS No) 1309-37-1	0.1 - 10	Not classified
Urea, polymer with formaldehyde	(CAS No) 9011-05-6	0.1 - 10	Not classified
Magnesium sulfate	(CAS No) 7487-88-9	0.1 - 10	Skin Sens. 1, H317
Ferrous sulfate	(CAS No) 7720-78-7	0.1 - 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 1, H400
Manganese oxide (Mn3O4)	(CAS No) 1317-35-7	0.1 - 10	Not classified
Sulfate of Potash-Magnesia	(CAS No) 14977-37-8	0.1 - 10	Not classified
Ammonium Nitrate	(CAS No) 6484-52-2	0.1 - 50	Ox.Sol.3 H272 Eye Irrit. 2A H319
Digested Sewage Sludge (Class A Biosolids)	(CAS No) NA	0.1 - 50	Not classified

Full text of H-phrases: see section 16



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SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: If medical advice is needed, have product container or label at hand.

First-aid Measures After Inhalation: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Wash skin thoroughly with mild soap and water. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

First-aid Measures After Eye Contact: Immediately rinse with water for a prolonged period (at least 15 minutes) while holding the eyelids wide open. Obtain medical attention if irritation develops or persists.

First-aid Measures After Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Symptoms/Injuries After Inhalation: Overexposure may be irritating to the respiratory system.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: If a large quantity has been ingested: Abdominal pain. Diarrhea. Nausea. Vomiting.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Not considered flammable but will burn at high temperatures. Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: None known.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Decomposes above 132 °C (270 °F). Under conditions of fire this material may produce: Ammonia. Nitrogen oxides. Biuret. Cyanuric acid.

Explosion Hazard: May form explosive compounds if mixed with: Calcium hypochlorite. Sodium hypochlorite. Nitrates. Nitric acid. Perchloric acid. Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosive. **Reactivity:** This product as shipped in the form of coarse granules should not contain sufficient dust to present an explosion hazard. Prevent dust accumulation (to minimize explosion hazard).

5.3. Advice for Firefighters

Firefighting Instructions: Not flammable.

Protection During Firefighting: Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Handle in accordance with good industrial hygiene and safety practice. This material becomes slippery when wet.

6.1.1. For Non-emergency Personnel

Protective Equipment: Wear suitable protective clothing, gloves and eye/face protection.



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Emergency Procedures: Collect as any solid. Ventilate area. Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Wear suitable protective clothing, gloves and eye/face protection.

Emergency Procedures: If possible, stop flow of product. Contain and collect as any solid. Ventilate area. Evacuate unnecessary personnel.

6.2. Environmental Precautions

Avoid release to the environment.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain and collect as any solid. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

Methods for Cleaning Up: Recover the product by vacuuming, shoveling or sweeping. Avoid generation of dust during clean-up of spills. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Material may be used if uncontaminated.

6.4. Reference to Other Sections No additional information available.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: This material becomes slippery when wet.

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety procedures. Wear recommended personal protective equipment. Avoid creating or spreading dust.

Hygiene Measures: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store tightly closed in a dry, cool and well-ventilated place. Protect from moisture.

Prohibitions on mixed storage: Store away from: Ammonium nitrate. Refer to Section 10 on Incompatible Materials.

Special Rules on Packaging: Corrosive to copper and its alloys.

7.3. Specific End Use(s)

Fertilizer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Limestone (1317-65-3)		
USA NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³
USA OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³
Iron oxide (Fe2O3) (1309-37-1)		
USA ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
USA NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³



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USA IDLH	US IDLH (mg/m³)	2500 mg/m³
USA OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³

8.2. Exposure Controls

Appropriate Engineering Controls

Personal Protective Equipment

- : Ensure all national/local regulations are observed.
- : Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.
- For particulates and dust: Safety glasses.



Hand Protection

Eye Protection

Skin and Body Protection

Respiratory Protection

- : Protective gloves.
- : Safety glasses.
- : Wear suitable protective clothing.
- : If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Environmental Exposure Controls

- : Ensure adequate ventilation, especially in confined areas.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Granules. Multi-colored.
Color	: White
Odor	: Slight. Pungent.
Odor Threshold	: No data available
pH	: No data available
pH solution	: 10 %
Relative Evaporation Rate (butylacetate=1)	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available



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Relative Density	: No data available
Density	: 45 (45 - 65) lb/ft ³
Solubility	: Water: Moderately
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1 **Reactivity:** This product as shipped in the form of coarse granules should not contain sufficient dust to present an explosion hazard. Prevent dust accumulation (to minimize explosion hazard).
- 10.2 **Chemical Stability:** Stable at standard temperature and pressure.
- 10.3 **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4 **Conditions to Avoid:** Protect from moisture. Keep away from heat.
- 10.5 **Incompatible Materials:** May form explosive mixture if in contact with strong acid such as nitric or perchloric acids. Avoid contact with : Strong oxidizers. Strong acids, bases. Nitrates. Hypochlorites. Perchlorates. Chlorides. Corrosive to copper and its alloys.
- 10.6 **Hazardous Decomposition Products:** Under conditions of fire this material may produce: Nitrogen oxides. Ammonia. Biuret. Carbon oxides (CO, CO2). Formaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

Potassium Sulfate, SOP, Sulfate of Potash (7778-80-5)	
LD50 Oral Rat	6600 mg/kg
ATE (Oral)	6,600.00 mg/kg body weight
Diammonium phosphate (7783-28-0)	
LD50 Oral Rat	6500 mg/kg
LD50 Dermal Rabbit	> 7950 mg/kg
ATE (Oral)	6,500.00 mg/kg body weight
Potassium chloride (7447-40-7)	
LD50 Oral Rat	2600 mg/kg
ATE (Oral)	2,600.00 mg/kg body weight
Monoammonium phosphate (7722-76-1)	
LD50 Oral Rat	5750 mg/kg
LD50 Dermal Rabbit	> 7940 mg/kg
ATE (Oral)	5,750.00 mg/kg body weight



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Ammonium sulfate (7783-20-2)	
LD50 Oral Rat	> 2000 mg/kg
Sulfur (7704-34-9)	
LD50 Oral Rat	> 3000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 9.23 mg/l/4h
Iron oxide (Fe2O3) (1309-37-1)	
LD50 Oral Rat	> 10000 mg/kg
Urea, polymer with formaldehyde (9011-05-6)	
LC50 Inhalation Rat	> 167 mg/m ³ (Exposure time: 4 h)
Ferrous sulfate (7720-78-7)	
LD50 Oral Rat	237 mg/kg
ATE (Oral)	237.00 mg/kg body weight
Ammonium nitrate (6484-52-2)	
LD50 Oral Rat	2217mg/kg
LC50 Inhalation Rat	>88.8mg/l/4h

- Skin Corrosion/Irritation:** Causes skin irritation.
- Serious Eye Damage/Irritation:** Causes serious eye irritation.
- Respiratory or Skin Sensitization:** May cause an allergic skin reaction.
- Germ Cell Mutagenicity:** Not classified.
- Carcinogenicity:** Not classified.

Iron oxide (Fe2O3) (1309-37-1)	
IRAC group	3

- Reproductive Toxicity:** Not classified.
- Specific Target Organ Toxicity (Single Exposure):** May cause respiratory irritation.
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- Aspiration Hazard:** Not classified
- Symptoms/Injuries After Inhalation:** Overexposure may be irritating to the respiratory system.
- Symptoms/Injuries After Skin Contact:** May cause skin irritation.
- Symptoms/Injuries After Eye Contact:** May cause eye irritation.
- Symptoms/Injuries After Ingestion:** If a large quantity has been ingested : Abdominal pain. Diarrhea. Nausea. Vomiting.



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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Potassium Sulfate, SOP, Sulfate of Potash (7778-80-5)	
LC50 Fish 1	653 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 Daphnia 1	890 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	3550 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Diammonium phosphate (7783-28-0)	
LC50 Fish 1	26.5 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
LC 50 Fish 2	24.8 - 29.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
Potassium chloride (7447-40-7)	
LC50 Fish 1	1060 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	825 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	750 - 1020 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Ammonium sulfate (7783-20-2)	
LC50 Fish 1	5.2 (5.2 - 8.2) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	14 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	32.2 (32.2 - 41.9) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
Sulfur (7704-34-9)	
LC50 Fish 1	866 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
LC 50 Fish 2	14 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Magnesium sulfate (7487-88-9)	
LC50 Fish 1	2610 - 3080 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	266.4 - 417.3 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Ferrous sulfate (7720-78-7)	
LC50 Fish 1	925 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])
EC50 Daphnia 1	152 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	0.56 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])



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EC50 Daphnia 2	6.15 - 9.26 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Urea (57-13-6)	
LC50 Fish 1	16200 - 18300 mg/l (Exposure time: 96 h - Species: Poecilia reticulata)
EC50 Daphnia 1	3910 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and Degradability

TurfGro Granular Fertilizer - All Analyses	
Persistence and Degradability	May cause long-term adverse effects in the environment. This product is water soluble and eventually biodegrades into elemental nitrogen. Excess nitrogen and nitrates in a body of water will contribute to eutrophication with visible effects such as toxic algae bloom.

12.3. Bioaccumulative Potential

Diammonium phosphate (7783-28-0)	
BCF fish 1	(no bioaccumulation expected)
Monoammonium phosphate (7722-76-1)	
BCF fish 1	(no bioaccumulation expected)
Ammonium sulfate (7783-20-2)	
Log Pow	-5.1 (at 25 °C)
Urea (57-13-6)	
BCF fish 1	< 10
Log Pow	-1.59 (at 25 °C)
Ammonium nitrate (6484-52-2)	
BCF fish 1	(no bioaccumulation expected)
Log Pow	-3.1 (at 25 °C)

12.4. **Mobility in Soil** No additional information available

12.5. **Other Adverse Effects**

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Sewage Disposal Recommendations: This material is hazardous to the aquatic environment. Keep out of sewers and waterways. **Waste Disposal Recommendations:** Place in an appropriate container and dispose of the contaminated material at a licensed site.

Additional Information: Dispose of waste material in accordance with all local, regional, national, and international regulations.



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SECTION 14: TRANSPORT INFORMATION

- 14.1 In Accordance with DOT Not regulated for transport
- 14.2 In Accordance with IMDG Not regulated for transport
- 14.3 In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

TurfGro Granular Fertilizer – All Analyses	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Potassium Sulfate, SOP, Sulfate of Potash (7778-80-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Diammonium phosphate (7783-28-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Potassium chloride (7447-40-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Monoammonium phosphate (7722-76-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Ammonium sulfate (7783-20-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Limestone (1317-65-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Sulfur (7704-34-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Iron oxide (Fe2O3) (1309-37-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Urea, polymer with formaldehyde (9011-05-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Magnesium sulfate (7487-88-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Ferrous sulfate (7720-78-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	



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Manganese oxide (Mn3O4) (1317-35-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Urea (57-13-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ammonium nitrate (6484-52-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Ammonium sulfate (7783-20-2)

- U.S. - Massachusetts - Right To Know List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
- U.S. - Pennsylvania - RTK (Right to Know) List

Limestone (1317-65-3)

- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List

Sulfur (7704-34-9)

- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List

Iron oxide (Fe2O3) (1309-37-1)

- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List

Ferrous sulfate (7720-78-7)

- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
- U.S. - Pennsylvania - RTK (Right to Know) List

Manganese oxide (Mn3O4) (1317-35-7)

- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List



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SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date: 05/13/2015

Other information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Comb. Dust	Combustible Dust
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Sol. 2	Flammable solids Category 2
Ox. Sol. 3	Oxidizing solids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H228	Flammable solid
H232	May form combustible dust concentrations in air
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects



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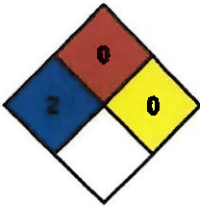
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NFPA Fire Hazard	0	Materials that will not burn.
NFPA Reactivity	0	Normally stable, even under fire exposure conditions, and are not reactive with water.
NFPA Health Hazard	2	Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.



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