

Safety Data Sheet

Section 1 Product Information

Product Name: 12-0-3 STD, TRIMEC, ALL MINERAL, (ENDURE) 50 LB. Product Code: 2012350
Spring Valley 800-635-2123
1891 Spring Valley Rd.
Jackson, WI 53037

Product Use: Granular blended fertilizer for general horticulture use.
Not recommended for: Not recommended for use in or around bodies of water.

Section 2 Hazards

GHS Ratings:

Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
Reproductive toxin	2	Human or animal evidence possibly with other information

GHS Hazards

H319	Causes serious eye irritation
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P264	Wash ... thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container to ...

Signal Word: Danger



Section 3 Composition

Chemical Name	CAS number	Weight Concentration %
Dolomite granules	16389-88-1	
Urea Granular	57-13-6	

Potassium Chloride	7447-40-7	
Biodac	Biodac	

(1) Nuisance limit

Section 4 First Aid

Inhalation: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact: Wash off immediately with soap and plenty of water while removing contaminated clothes and shoes. If skin irritation persists, call a physician.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

Note to physicians: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus.

Section 5 Fire Fighting

Flash Point: N/A

LEL:

UEL:

Extinguishing Media

Suitable Extinguishing Media: Foam, Carbon Dioxide (CO₂), dry chemical, water spray (fog)

Special Hazards Arising From the Substance or Mixture

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Explosion Data

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Evacuate unauthorized personnel to safe areas. Use personal protective equipment as required. Keep people away from spill until cleaned.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Pick up and transfer to properly labeled containers. Take up mechanically, placing in appropriate containers for disposal. After cleaning, flush away traces with water.

Section 7 Handling and Storage

Precautions for Safe Handling

Ensure adequate ventilation, especially in confined areas Avoid contact with skin and eyes In case of insufficient ventilation, wear suitable respiratory equipment Use personal protective equipment as required Do not breathe dust/fume/gas/mist/vapors/spray

Storage Conditions: Keep in properly labeled containers Keep containers tightly closed in a cool, well-ventilated place

Incompatible materials Incompatible with strong acids and bases Incompatible with oxidizing agents

Section 8 Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Dolomite granules 16389-88-1	Not Established	Not Established	Not Established
Urea Granular 57-13-6	15mg/m ³	Not Established	Not Established
Potassium Chloride 7447-40-7	Not Established	Not Established	Not Established
Biodac Biodac	Not Established	Not Established	Not Established

Ensure adequate ventilation, especially in confined areas

Skin and body protection : Wear protective gloves and protective clothing

Eye/Face Protection : Tight fitting safety goggles Face protection shield

Respiratory Protection : In case of insufficient ventilation, wear suitable respiratory equipment

Other Information: When using, do not eat, drink or smoke Regular cleaning of equipment, work area and clothing is recommended Keep away from food, drink and animal feeding stuffs Contaminated work clothing should not be allowed out of the workplace Avoid contact with skin, eyes, or clothing Take off all contaminated clothing and wash it before reuse Wear suitable gloves and eye/face protection

Section 9 Physical Properties

<p>Appearance Blend of granular pellets.</p> <p>Physical State Solid Granular</p> <p>Specific Gravity (SG) 1.357</p>	<p>Odor Slightly earthy</p> <p>Boiling Range 1420 to 1500 °C</p> <p>Lbs VOC/Gallon Less Water 0.00</p>
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Section 10 Stability and Reactivity

Reactivity: Hazardous reactions will not occur under normal conditions

Chemical Stability: Product is stable

Possibility of Hazardous Reactions: Hazardous polymerization will not occur **Conditions to Avoid:** Exposure

STABLE

Strong acids Strong bases Oxidizing agents
Not Applicable

Not Applicable

Hazardous polymerization will not occur.

Section 11 Toxicological Information

Mixture Toxicity

Component Toxicity

7447-40-7 Potassium Chloride
Oral LD50: 1,500 mg/kg (rat)

Routes of Entry: Skin and eye. May irritate open sores and wounds. May cause temporary eye irritation.

Skin Contact Eye Contact Ingestion

Not Applicable

Effects of Overexposure

Table with 4 columns: CAS Number, Description, % Weight, Carcinogen Rating. Row 1: None, Not Applicable

Section 12 Ecological Information

Persistence and Degradability Noti established

Bioaccumulative Potential Noti established

Component Ecotoxicity

Urea Granular 96 Hr LC50 Poecilia reticulata: 16200 - 18300 mg/L
48 Hr EC50 Daphnia magna: 3910 mg/L [Static]

Section 13 Disposal Considerations

Container Disposal: Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available.

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Section 14 Transportation

Table with 5 columns: Agency, Proper Shipping Name, UN Number, Packing Group, Hazard Class. Row 1: Not Applicable

Section 15 Regulations

EPA Pesticide registration number 2217-816.

Federal Insecticide, Fungicide, Rodenticide Act Regulations.

The active ingredient in this product is a pesticide registered by the Environmental Protection Agency and is subject to certain labeling requirements under FIFRA. This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Table with 3 columns: Country, Regulation, All Components Listed. Rows: USA, SARA Title III Not listed, No; USA, TSCA All listed or exempted, No

Section 16 Other Information

Hazardous Material Information System (HMIS)

HEALTH	<input type="text"/>	0
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

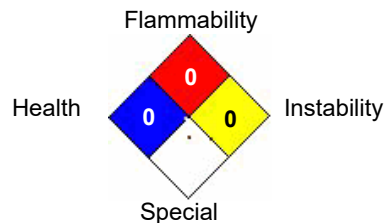
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision

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