

Safety Data Sheet

Section 1 Product Information

Product Name: 14-14-14 STD, 1%Fe, 56% XCU, 25%TOP CUT, MOP, 50 LB. Product Code: 2014610
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

GHS Hazards

H319	Causes serious eye irritation
H350	May cause cancer

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 %
Iron Oxide	1309-37-1	
Dolomite granules	16389-88-1	
Bio-solids	308066-19-5	
Urea Granular	57-13-6	

Potassium Chloride	7447-40-7	
Sulfur	7704-34-9	
Monoammonium Phosphate	7783-28-0	

(1) Nuisance limit

Section 4 First Aid

Inhalation: Remove to fresh air, if irritation of lungs persists contact physician .

Eye Contact: Flush eyes with plenty of water for 15 minutes. Contact physician if irritation persists.

Skin Contact: Wash with soap and water. Contact physician if irritation persists.

Drink plenty of water and contact physician.

General Advice: If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Most important symptoms and affects, both acute and delayed: Aside from the information found under Section 4 First Aid and Indication of immedial

Indication of any immediate medical attention and special treatment needed

Notes to Physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5 Fire Fighting

Flash Point: N/A

LEL:

UEL: 7.00

Suitable extinguishing media: Water fog of fine spray. Dry Chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

Unsuitable extinguishing media: None.

Special hazards arising from the substance or mixture

Hazardous combustion products: During a fire, smoke may contain the original material in addition to combustion products of varying composition whi

Unusual Fire and Explosion Hazards: Container may melt from gas generation in a fire situation Pneumatic conveying and other mechanical handling

Special Fire Fighting Procedures: Protect eyes and skin from contact with smoke. Wear self contained breathing apparatus when fighting fires. Keep all nonessential personnel upwind form smoke. Contain runoff waters and consult with your local environmental agencies before disposal.

Section 6 Accidental Release Measures

Cleanup procedures: Sweep spill, repackage in labeled container and reuse.

Section 7 Handling and Storage

Precautions for safe handling: Keep out of reach of children. Do not swallow. Avoid breathing dust or mist. Avoid contact with eyes, skin, and clothing. f

Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other fertilizers, food, or feed. Store in original containers and out of the reach of children, preferably in a locked storage area.

Section 8 Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Iron Oxide 1309-37-1	10 mg/m ³	Not Established	Not Established
Dolomite granules 16389-88-1	Not Established	Not Established	Not Established

Bio-solids 308066-19-5	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
Sulfur 7704-34-9	Not determined	Not Established	Not Established
Monoammonium Phosphate 7783-28-0	Not Established	Not Established	Not Established

Section 9 Physical Properties

<p>Appearance Blend of granular pellets.</p> <p>Physical State Solid Granular</p> <p>Specific Gravity (SG) 1.231</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

STABLE

Incompatibilities: None known.

Not Applicable

Hazardous Decomposition: Not established.

Not Applicable

Hazardous polymerization will not occur.

Section 11 Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 492mg/L

Component Toxicity

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

7704-34-9 Sulfur
Oral LD50: 2,000 mg/kg (rat) Inhalation LC50: 9 mg/L (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

CAS Number

Description

% Weight

Carcinogen Rating

None

Not Applicable

Section 12 Ecological Information

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

Product Disposal: Reuse product if possible. May be placed in household waste.

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

Section 14 Transportation

Technical shipping name:..... Not regulated.

Proper shipping name:..... Not regulated.

Hazard Class or Division:..... Not regulated.

Agency

Proper Shipping Name

UN Number

Packing Group

Hazard Class

Not Applicable

Section 15 Regulations

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Country

Regulation

All Components Listed

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

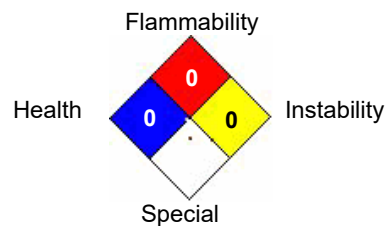
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Date Prepared: 8/12/2016