

Safety Data Sheet

Section 1 Product Information

Product Name: 18-12-6 STD, AVAIL, 25% XCU, SEED STARTER 50 LB. Product Code: 2024910
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 % |
|--------------------|------------|------------------------|
| Dolomite granules | 16389-88-1 | |
| 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 immediate

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 which

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 from 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.

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 |
|---------------------------------|----------------------|-----------------------|-----------------------|
| 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 |

| | | | |
|-------------------------------------|-----------------|-----------------|-----------------|
| 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

| | |
|--|--|
| Appearance Blend of granular pellets. Physical State Solid Granular Specific Gravity (SG) 1.429 | Odor Slightly earthy Boiling Range 1420 to 1500 °C Lbs VOC/Gallon Less Water 0.00 |
|--|--|

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: 870mg/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

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|--------------------------|
| 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.

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| | 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.

| <u>Country</u> | <u>Regulation</u> | <u>All Components Listed</u> |
|----------------|-----------------------------|------------------------------|
| USA | SARA Title III Not listed | No |
| USA | TSCA All listed or exempted | No |

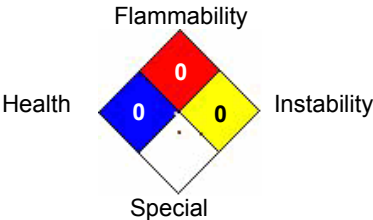
Section 16 Other Information

Hazardous Material Information System (HMIS)

| | |
|----------------------------|--------------------------------|
| HEALTH | <input type="text" value="0"/> |
| FLAMMABILITY | <input type="text" value="0"/> |
| PHYSICAL HAZARD | <input type="text" value="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

Date Prepared: 1/15/2016