

# Safety Data Sheet

## Section 1 Product Information

Product Name: 22-16-6 STD, REGAIN, SOP 50 LB. Product Code: 2044152  
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	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity

### GHS Hazards

H320	Causes 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
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 in accordance with local, state, and federal laws.

Signal Word: Danger



## Section 3 Composition

Chemical Name	CAS number	Weight Concentration %
Monoammonium Phosphate	7783-28-0	
Urea Granular	57-13-6	
Dolomite granules	16389-88-1	
Sulfate of Potash	7778-80-5	

(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 medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

### 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. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment.

## Section 5 Fire Fighting

Flash Point: N/A

LEL:

UEL:

**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 may be toxic and/or irritating.

**Unusual Fire and Explosion Hazards:** Container may melt from gas generation in a fire situation Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate. Dense smoke is produced when product burns.

**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, repack 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. Keep away from heat, sparks, and flame. Good housekeeping and controlling of dusts are necessary for safe handling of product. Wash thoroughly after handling. Use with adequate ventilation.

**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
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Monoammonium Phosphate 7783-28-0	Not Established	Not Established	Not Established
Urea Granular 57-13-6	15mg/m <sup>3</sup>	Not Established	Not Established
Dolomite granules 16389-88-1	Not Established	Not Established	Not Established
Sulfate of Potash 7778-80-5	Not Established	Not Established	Not Established

## Section 9 Physical Properties

<b>Appearance</b> Blend of granular pellets. <b>Physical State</b> Solid Granular <b>Lbs VOC/Gallon Less Water</b> 0.00	<b>Odor</b> Slightly earthy <b>Specific Gravity (SG)</b> 1.533
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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**

**Component Toxicity**

**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  
None

Description

% Weight

Carcinogen Rating  
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

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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## 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

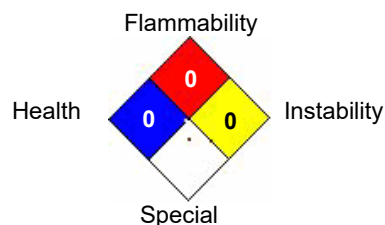
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

### National Fire Protection Association (NFPA)



The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

Reviewer Revision

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