

Safety Data Sheet

Section 1 Product Information

Product Name: 13-0-0 STD, .37 PRODIAMINE, AMMONIUM SULFATE, 50 LB. Product Code: 2014781

Spring Valley
1891 Spring Valley Rd.
Jackson, WI 53037

800-635-2123

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 in accordance with local, state, and federal laws.

Signal Word: Danger



Section 3 Composition

Exact percentages of components are withheld as a trade secret.

Chemical Name	CAS number	Weight Concentration %
Ammonium Sulfate	7783-20-2	
Dolomite granules	16389-88-1	

Prodiamine	29091-21-2	
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Section 4 First Aid

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: When symptoms occur: go into open air and ventilate suspected area .

First-aid Measures After Skin Contact: Remove contaminated clothing . Drench affected area with water for at least 15 minutes. **First-aid Measures After Eye Contact:** Rinse cautiously with water for several minutes . Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. **IF SWALLOWED:** Immediately call a POISON CONTROL CENTER or doctor/physician. **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/Injuries: Causes serious eye damage.

Symptoms/Injuries After Inhalation: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.

Symptoms/Injuries After Skin Contact: May cause an allergic reaction in sensitive individuals . May cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Symptoms/Injuries After Ingestion: May be harmful if swallowed.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed If medical advice is needed, have product container or label at hand.

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: Ifi pottental ffior exposure exists reffier tto Sectton 8 ffior specffic personal protecttve equipment

Mostt importantt sympttoms and affectts, botht acutte and delayed: Aside ffirrom tthe infformatton ffiound under

Sectton 4 Firstt Aid and Indication offi immediate medical attentton and specail ttreatmentt needed (below), any addittonal importantt sympttoms and effectts are described in Sectton 11: Toxicology Infformatton

Indication offi any immediatte medical attentton and special ttreatmentt needed

Nottes tto Physician: No specific anttdotttreatmentt offi exposure should be directted att tthe controll offi sympttoms and tthe clinical conditton offi the patient. Have tthe Saffiety Datta Sheet, and iffi available, tthe productt conttainer or label witht you when calling a poison conttrol center or docttor, or going ffior ttreatmentt

Section 5 Fire Fighting

Flash Point: N/A

LEL:

UEL:

Extinguishing Media

Suitable Extinguishing Media: Alcohol ffioam, carbon dioxide, dry chemical, watter spray, ffiole extnguishing media appropriate ffior surrounding ffire

Unsuitable Extinguishing Media: Do nott use a heavy watter sttream. A heavy watter sttream may spread burning ffire

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Nott considered ffiammable butt may burn att high ttemperattures

Explosion Hazard: Productt is nott explosive

Reactivity: Hazardous reacttions will nott occur under normal condittons

Advice ffor Firefighers

Firefighing Instrucions: Exercise cautton when ffightng any chemical ffire

Protecton During Firefighing: Do nott enter ffire area withoutt proper protecttve equipment, including respirattory protecttton. **Other infformatn:** Do nott allow run-offi ffrom ffire ffightng tto enter drains or watter coDescontaminatte

equipment or materials involved in pesticide fires

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

Personal Precautions, Protective Equipment and Emergency Procedures General Measures: Handle in accordance with good industrial hygiene and safety practice

For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE)

Emergency Procedures: Evacuate unnecessary personnel Evacuate unnecessary personnel

For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protective use appropriate personal protection equipment (PPE)

Emergency Procedures: Ventilate area

Environmental Precautions

Prevent entry to sewers and public waters

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams Methods for Cleaning Up: Clear up spills immediately and dispose off waste safely

Section 7 Handling and Storage

Precautions for Safety Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product

Conditions for Safety Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool and well-ventilated place Keep container closed when not in use

Incompatible Products: Strong acids Strong bases Strong oxidizers

Storage Area: Store locked up

Section 8 Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Ammonium Sulfate 7783-20-2	Not Established	Not Established	Not Established
Dolomite granules 16389-88-1	Not Established	Not Established	Not Established
Prodiamine 29091-21-2	Not Established	Not Established	Not Established

Emergency eye wash fountains and safety showers should be available in the immediate vicinity off any

pottental exposure

Hand Protecton : Wear chemically resisttant protecttve gloves

Eye Protecton : Chemical goggles or saffietty glasses

Respiratory Protecton : In case offi insufficient ventlatton, wear suitable respirattory equipment

Other Infromaton: When using, do nott eatt, drink or smoke

Section 9 Physical Properties

Appearance Blend of granular pellets. Physical State Solid Granular Lbs VOC/Gallon Less Water 0.00	Odor Slightly earthy Specific Gravity (SG) 1.306
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Sectton 10 Sstability and Reacttvity

Reacttvity: Hazardous reacttions will nott occur under normal condittons

Chemical Sstability: Productt is sttable

Possibility offi Hazardous Reacttions: Hazardous polymerizatton will nott occoondittons tto Avoid: Directt sunlightt Extremely high or low ttemperattures

STABLE

Sttrong acids Sttrong bases Sttrong oxidizers

Not Applicable

Carbon oxides (CO, CO2). Sulfifur oxidesSilicon oxides.

Not Applicable

Hazardous polymerization will not occur.

Sectton 11 Toxicological Infformation

Mixture Toxicity

Component Toxicity

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

Not Applicable

Not Applicable

Effects of Overexposure

CAS Number

Description

% Weight

Carcinogen Rating

16389-88-1

Dolomite granules

Dolomite granules: Limestone (Dolomite granules) is not listed on the NTP, IARC or OSHA lists of carcinogens. Crystalline silica, a naturally occurring component of limestone, is listed by IARC but not by NTP or OSHA. IARC has determined that there is sufficient evidence for carcinogenicity to experimental animals exposed to crystalline silica and limited evidence for carcinogenicity to humans. "Limited evidence" means that a causal relationship is possible; however, other explanations such as chance, bias or confounding factors cannot adequately be excluded. NTP has proposed (1989) to list crystalline silica based on the IARC determination. The quantity of crystalline silica in limestone, being part of a naturally occurring mined material, vary based on where and when the material is mined. As such the exact percentage of crystalline silica in this product cannot be accurately calculated between individual batches of this product. In order to provide our end users with the most relevant safety information and err on the side of caution and in accordance with the GHS standards set forth for crystalline silica stating that any product containing more than 0.1% crystalline silica must be marked with a Carcinogen hazard classification this product bears this mark even in cases where it may not be strictly required.

Sectton 12 Ecological Infformatton

Toxicity Nott applicable

Persisttence and Degradability Nott esttablished

Bioaccumulattve Pottental Nott esttablished

Mobility in Soil No addittonal infformatton available

Otther Infformatton : Avoid release tto tthe environmentt

Component Ecotoxicity

Sectton 13 Disposal Considerattons

Productt Disposal: Reuse productt iffi possiblMay be placed in household wastte

Conttainer Disposal: Nonrefillable conttaineDO NOT reuse or refill tthis conttaineOffier ffior recycling iffi

available.

Waste Disposal Recommendations: Dispose offi waste material in accordance with all local, regional, nattonal, and internattional regulattons

Section 14 Transportation

DOT: Not Regulated

Proper Shipping Name: Non Regulated

Hazard Class: Not Applicable

ADR: Not Regulated

ADN: Not Regulated

IATA: Not Regulated

Proper Shipping Name: Non Regulated

Hazard Class: Not Applicable

RID: Not Regulated

IATA: Not Regulated

IMDG/IMO: Not Regulated

Hazard Class: Not Applicable

Marine Pollutant: No

TDG: Not Regulated

ICAO: Not Regulated

MEX: 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

Country

Regulation

All Components Listed

Section 16 Other Information

Hazardous Material Information System (HMIS)

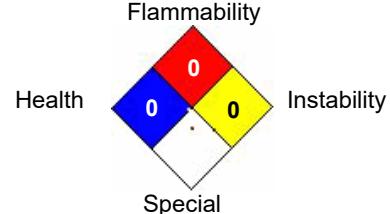
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

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

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Reviewer Revision

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