

Safety Data Sheet

Section 1 Product Information

Product Name: 15-0-3 STD, .29 PRODIAMINE, 25% XCU, MOP, 50 LB. Product Code: 2016221
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	
Prodiamine	29091-21-2	
Urea Granular	57-13-6	
Potassium Chloride	7447-40-7	

Sulfur	7704-34-9	
--------	-----------	--

(1) Nuisance limit

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: If exposure exists refer to Section 8 for specific personal protective equipment

Most important symptoms and effects, 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. See 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: 7.00

Extinguishing Media

Suitable Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical, water spray, fine extinguishing media appropriate for surrounding fire

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning fire

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures

Explosion Hazard: Product is not explosive

Reactivity: Hazardous reactions will not occur under normal conditions

Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire

Protecton During Firefightng: Do nott enter ffire area withoutt proper protecttve equipmentt, including respiratory protectton
Other informaton: Do nott allow run-offi ffrom ffire ffightng tto enter drains or watter co~~o~~ntaminatte equipmentt or matterials involved in pestticide ffires

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

Personal Precauttons, Protecttve Equipmentt and Emergency Procedures General Measures: Handle in accordance with good industrial hygiene and saffietty practtce

For Non-emergency Personnel

Protecttve Equipmentt: Use appropriatte personal protectton equipmentt (PPE)

Emergency Procedures: Evacuatte unnecessary personnel Evacuatte unnecessary personnel

For Emergency Responders

Protecttve Equipmentt: Equip cleanup crew with proper protecttve use appropriatte personal protectton equipmentt (PPE)

Emergency Procedures: Venttlatte area

Environmental Precauttons

Preventt entry tto sewers and public watters

Methods and Matterial ffor Containmentt and Cleaning Up

For Containmentt: Conttain any spills with dikes or absorbentts tto preventt migratton and entry into sewers or sttreams Methods ffor Cleaning Up: Clear up spills immediattely and dispose offi wastte saffielly

Section 7 Handling and Storage

Precauttons ffor Saffie Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and saffietty procedurtt Wash hands and otther exposed areas with mild soap and watter beffore eatng, drinking, or smoking and again when leaving work. Do no eat, drink or smoke when using tthis productt

Condittons ffor Saffie Sttorage, Including Any Incompattbilittes

Sttorage Condittons: Sttore in a dry, cool and well-venttlattd place Keep container closed when nott in use

Incompattble Productts: Stttrong acidStttrong bases Stttrong oxidizers

Sttorage Area: Sttore locked up

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
Prodiamine 29091-21-2	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

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure

Hand Protection : Wear chemically resistant protective gloves

Eye Protection : Chemical goggles or safety glasses

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

Other Information: When using, do not eat, drink or smoke

Section 9 Physical Properties

<p>Appearance Blend of granular pellets.</p> <p>Physical State Solid Granular</p> <p>Specific Gravity (SG) 1.148</p>	<p>Odor Slightly earthy</p> <p>Boiling Range 1420 to 1500 °C</p> <p>Lbs VOC/Gallon Less Water 0.00</p>
---	---

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: Direct sunlight Extremely high or low temperatures

STABLE

Strong acids Strong bases Strong oxidizers

Not Applicable

Carbon oxides (CO, CO₂). Sulfur oxides Silicon oxides.

Not Applicable

Hazardous polymerization will not occur.

Section 11 Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 797mg/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			

Toxicity Not applicable

Persistence and Degradability Not established

Bioaccumulative Potential Not established

Mobility in Soil No additional information available

Other Information : Avoid release to the environment

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.

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

Section 14 Transportation

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Packing Group : III

Identification Number : UN3077 Hazard Class : 9 Label Codes : 9

<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

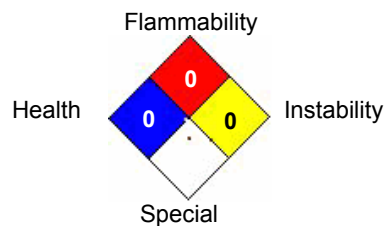
Section 16 Other Information

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)



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

Date Prepared: 1/15/2016