

Safety Data Sheet

Section 1 Product Information

Product Name: 5-0-20 STD, 1.0 OXADIAZON, MOP, 50 LB. Product Code: 2070413
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

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| H319 | Causes serious eye irritation |
| H350 | May cause cancer |

GHS Precautions

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| 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 | |
| Oxadiazon | 19666-30-9 | |
| Urea Granular | 57-13-6 | |
| Potassium Chloride | 7447-40-7 | |

(1) Nuisance limit

Section 4 First Aid

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Seek medical attention.

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

Skin Contact: Skin Contact: Remove contaminated clothing and shoes. Wash with plenty of soap and water for 15-20 minutes until no evidence of chemical remains. Seek medical attention if irritation persists.

Harmful if ingested. May cause burns to mouth and esophagus, chest pain and abdominal pain.

You may also contact SafetyCall International (866) 897-8050 for emergency medical treatment information.

All treatment should be based on observed signs and symptoms of distress in the patient.

Consideration should be given that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote is available.

Section 5 Fire Fighting

Flash Point: N/A

LEL:

UEL:

Suitable extinguishing media: Use water spray, dry chemical, carbon dioxide, or foam.

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.

Use self-contained breathing apparatus. Cool fire exposed areas and equipment.

Wear protective clothing and self-contained breathing apparatus. Use areas to prevent runoff and contamination of water sources. Dispose of fire control water according to the city, state and Federal regulations.

Section 6 Accidental Release Measures

Cleanup procedures: Wear appropriate OSHA regulated equipment such as impervious gloves and eye protection. With a shovel, place spilled material in an appropriate container, avoiding formation of a dust cloud, and cover. Wipe down remaining spillage with damp rags and place rags in the container for disposal. Wash contaminated surfaces with hard surface detergent such as Spic-N-Span to remove any residue. Notify the appropriate authorities immediately if water used to fight fire or clean spill enters sewer or watercourse.

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.

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| Section 8 Exposure Control and Personal Protection |
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| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|---------------------------------|----------------------|-----------------------|-----------------------|
| Dolomite granules 16389-88-1 | Not Established | Not Established | Not Established |
| Oxadiazon 19666-30-9 | 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 |

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

Eye Protection: Chemical goggles or safety glasses if respirator does not provide eye protection

Respiratory Protection: Provide local exhaust or process enclosure ventilation system to ensure compliance with applicable exposure limits. If ventilation is not adequate, wear a suitable dust respirator such as air-purifying (half or full mask) with cartridge canister approved for use against dust, mists, fumes or pesticides

Dermal Protection: Chemical resistant gloves, long sleeves, pants, shoes with socks

Other Precautions: Clean water should be available to rinse eyes and skin in case of chemical exposure. Wash thoroughly after handling. Remove and wash clothing before reuse.

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| Section 9 Physical Properties |
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| <p>Appearance Blend of granular pellets.</p> <p>Physical State Solid Granular</p> <p>Specific Gravity (SG) 1.123</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 |
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STABLE

Incompatibilities: Strong oxidizers, mineral acids, strong bases.

Not Applicable

Hazardous Decomposition: Combustion may generate NO_x and carbon oxides.

Not Applicable

Hazardous polymerization will not occur.

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| Section 11 Toxicological Information |
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Mixture Toxicity

Oral Toxicity LD50: 4,312mg/kg

Component Toxicity

19666-30-9 Oxadiazon
Oral LD50: 5,000 mg/kg (rat)

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

Waste Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

Container Disposal: Completely empty plastic liner by shaking and tapping sides and bottom of bag to loosen clinging particles. Empty all residue into equipment. Then dispose of empty bag in a sanitary landfill or by incineration, if allowed by state and local authorities. Do not burn, stay out of smoke.

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 |

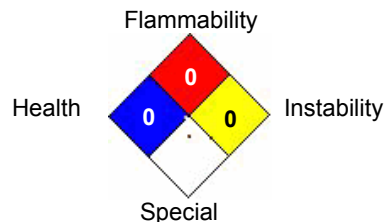
Section 16 Other Information

Hazardous Material Information System (HMIS)

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| 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

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