

SAFETY DATA SHEET

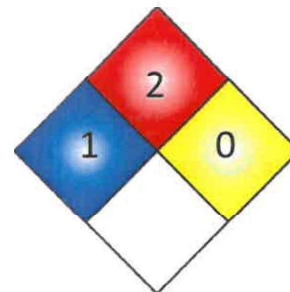
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Prilled Sulfur

SDS DATE: 3/16/2020

1. IDENTIFICATION

Product Name: Prilled Sulfur
Synonyms / Common Name: Sulfur
Company Name: True Drganic Products, Inc.
16782 West Kamm Avenue, Helm, CA 93627
Emergency phone number: 559-866-3003
For emergency medical treatment information,
call National Poison Control Center:
1-800-222-1222.
Chemical Name: Sulfur
Chemical Formula: S
Molecular Weight: 32.064



2. HAZARD IDENTIFICATION

Physical Hazards: Not Classified
Health Hazards: Acute Toxicity, inhalation Category 4
Skin corrosion/irritation Category 2
OSHA Defined Hazards: Combustible dust



Label Elements:
Signal Word: Warning
Hazard Statement: Causes skin irritation. Harmful if inhaled. May form combustible dust concentrations in air.
Precautionary statement Prevention: Keep away from heat, sparks, open flames, and hot surfaces. - No smoking. Keep container tightly closed. Avoid breathing dust or fumes. Wash thoroughly after handling. Use only outdoors or in a well ventilated area. Wear protective gloves. Prevent dust accumulation to minimize explosion hazard. Observe good industrial hygiene practices.
Response: If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media as described in Section 5 to extinguish.
Storage: Store away from incompatible materials.
Disposal: Not applicable.
Hazard(s) not otherwise classified (HNOC): Not known
Supplemental information: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Approx. %
Sulfur	7704-34-9	99.9%

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and administer CPR if necessary.
Skin Contact: Remove contaminated clothing and wash with soap and water.
Eye Contact: Irrigate eyes a minimum of 15 minutes with water.
Ingestion: If ingested, give several glasses of water.

Effects of Overexposure:

Inhalation: Nuisance dust PEL/TVL 15 mg/m³ total dust. 5mg/m³ respirable dust. Wear approved respiratory protection for exposures above the PEL/TVL.
Skin Contact: May cause skin irritation.
Eye Contact: Sulfur may cause eye irritation. Do not rub eyes if exposed. If exposed, flush eyes a minimum of 15 minutes with water. Wear proper eye protection to reduce exposure.
Ingestion: Do not ingest. Wash before eating, drinking and smoking. Do not store near food or feed.
Delayed Effects: May cause skin or eye irritation. If ingested, it may cause vomiting and diarrhea. Chronic exposure may cause skin and eye irritation.

Medical Conditions Aggravated by Exposure:

Pre-existing conditions involving the above symptoms can be aggravated by exposure.

5. FIRE-FIGHTING MEASURES

Flash Point: 374° F (Dust)
Flammable Limits in Air % by Volume: Lower: N/A
Upper: N/A
Extinguishing Media: Water Fog.
Special Fire Fighting Procedures: Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full personal protective equipment. Avoid solid streams of water which may stir dust clouds and spread fire. Do not breathe smoke or spray mist.
Unusual Fire & Explosion Hazards: See National Fire Protection (NFPA) Code 655 for specific fire and explosion hazards.

6. ACCIDENTAL RELEASE MEASURES

Actions to take for Leaks & Spills: Do not use flares in area. Wear appropriate eye protection. Control dust with water fog. Sweep into disposal container.
Waste Disposal Method: Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Special Precautions: Keep out of reach of children. Read and follow all label instructions. Sulfur dust can be explosive. Do not allow dust to build up. Keep clear of ignition sources.
Other Precautions:

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	Use a respirator, see other equipment below.
Eye Protection:	Safety goggles or glasses with side shields and brow protection.
Skin Protection:	Chemical resistant gloves and long-sleeved coveralls.
Other Clothing:	Wear long sleeved shirt, pants, and shoes plus socks.
Other Equipment:	Use only NIOSH/MSHA - approved respiratory protection for nuisance particulates up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposures.
Engineering controls:	

9. PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance:	Yellow Pastilles	Melting Point:	246 Deg. F
Color:	Yellow	Boiling Point:	Not applicable
State:	Solid	Flash Point:	374 Deg. F
Odor Characteristics:	Sulfur	Freezing Point:	Not applicable
pH:	Not applicable	Percent Volatility:	Not applicable
Viscosity:	Not applicable	Evaporation Rate (BAc = 1):	Not applicable
Specific Gravity (Water = 1):	Not applicable	Solubility in Water:	Insoluble
Vapor Density (Air = 1):	Not applicable	Solubility in Oil:	Not applicable
Vapor Pressure:	Not applicable	Solubility in Acetone:	Not applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (materials to avoid):	Bases, Oxidizers, Powdered carbon.
Hazardous Combustion or Decomposition Products:	COx, SOx, H2S
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Bases, Oxidizers, Powdered carbon, open flames.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation:	Harmful if inhaled.
Skin Contact:	Causes skin irritation.
Eye contact:	Direct contact with eyes may cause temporary irritation.
Ingestion:	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics:	Dusts may irritate the respiratory tract, skin and eyes. Skin irritation. May cause redness and pain.

11. TOXICOLOGICAL INFORMATION (CONTINUED)**Information on Toxicological Effects:****Acute Toxicity**

<u>Product</u>	<u>Species</u>	<u>Test Results</u>
Prilled Sulfur		
Acute		
Dermal LD50	Rat	> 2000 mg/kg, 24 hours
Inhalation LC50	Rat	>5.4 mg/l, 4 hours
Oral LD50	Rat	>2200 mg/kg
<u>Components</u>	<u>Species</u>	<u>Test Results</u>
Sulfur, granular (CAS 7704-34-9)		
Acute		
Dermal LD50	Rat	> 2000 mg/kg, 24 hours
Oral LD50	Rat	>2200 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/eye irritation:	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization:	Not available.
Skin sensitization:	This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	This product is not considered to be carcinogen by IARC, ACGIH, NTP, or OSHA.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):	Not listed.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity-single exposure:	Not classified.
Specific target organ toxicity-repeated exposure:	Not classified.
Aspiration hazard:	Not available.

12. ECOLOGICAL INFORMATION

Fate in the Environment: Over time will oxidize and form sulfuric acid.

13. DISPOSAL CONSIDERATIONS

Procedures: Dispose of unrecoverable material in accordance with Federal, State and Local Regulations.

14. TRANSPORTATION INFORMATION

<u>DOT</u>	NOT REGULATED
<u>TDG</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

US Federal Regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40CFR 707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard Categories

Hazard Categories: Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely Hazardous Substance: Not listed.

SARA 311/312 chemical: Yes.

SARA 313 (TRI reporting): Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA Section 112 (r) Accidental Release Prevention (40 CFR 68.130) : Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

US State Regulations

US California Controlled Substances. CA Dept. of Justice (California Health and Safety Code Section 11100): Not listed.

US Massachusetts RTK Substance List: Sulfur (CAS 7704-34-9)

US New Jersey Worker and Community Right-to-Know Act: Sulfur (CAS 7704-34-9)

US Pennsylvania Worker and Community Right-to-Know Law: Sulfur (CAS 7704-34-9)

US Rhode Island RTK: Not regulated.

US California Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. OTHER INFORMATION

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