

# SAFETY DATA SHEET

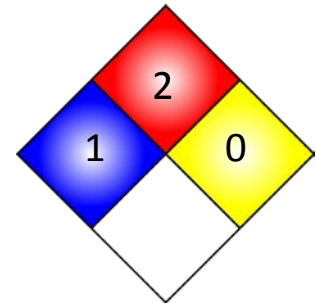
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## InteGro Magic Sulfur Dust

SDS DATE: 9/23/2015

### 1. IDENTIFICATION

**Product Name:** InteGro Magic Sulfur Dust  
**EPA Reg. Number:** 79702-1  
**Synonyms / Common Name:** Sulfur  
**Company Name:** InteGro, Inc.  
P.O. Box 9050, Fresno, CA 93790  
**Emergency phone number:** 559-448-8000 Ext. 140  
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:** Skin corrosion/irritation Category 2  
**OSHA Defined Hazards:** Combustible dust



**Label Elements:**  
**Signal Word:** Warning  
**Hazard Statement:** Causes skin irritation. 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. Wash thoroughly after handling. 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 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:** Not applicable.  
**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	98%
Proprietary Inert Ingredients	N/A	2%

## 4. FIRST AID MEASURES

- Inhalation:** Remove victim to fresh air, and administer CPR if necessary. Get medical attention.
- Skin Contact:** Remove contaminated clothing and wash with soap and water. If rash persists, get medical attention.
- Eye Contact:** Do not rub eyes if exposed. Irrigate eyes a minimum of 15 minutes with water. Get medical attention.
- Ingestion:** If ingested, give several glasses of water and induce vomiting. Never give fluid to an unconscious person. Get medical attention.

**Notes to Physician:****Most important symptoms/effects, acute and delayed:**

- Inhalation:** Will cause breathing problems - shortness of breath and coughing.
- Skin Contact:** May cause skin irritation.
- Eye Contact:** Sulfur will cause eye irritation.
- Ingestion:** May cause nausea, vomiting and diarrhea.

## 5. FIRE-FIGHTING MEASURES

- Flash Point:** 374° F (Dust)
- Flammable Limits in Air % by Volume:** Lower: 35 mg/l Dust in air  
Upper: 1400 mg/l Dust in air
- 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 or spread fire. Do not breathe smoke or spray mist.
- Unusual Fire & Explosion Hazards:** Combustion of sulfur generates toxic sulfur dioxide which is irritating to the respiratory tract and may cause breathing difficulty and pulmonary edema.

## 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:** Respiratory protection is required. Use only NIOSH/MSHA approved respiratory protection. Positive pressure self contained breathing apparatus should be used for confined space entry and high exposure

**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:** Eye wash station should be nearby.

**Engineering controls:**

9. PHYSICAL & CHEMICAL CHARACTERISTICS

<b>Appearance:</b>		<b>Melting Point:</b>	246 Deg. F
<b>Color:</b>	Yellow	<b>Boiling Point:</b>	Not applicable
<b>State:</b>	Powder	<b>Flash Point:</b>	374 Deg. F
<b>Odor Characteristics:</b>	Sulfur	<b>Freezing Point:</b>	Not applicable
<b>pH:</b>	Not applicable	<b>Percent Volatility:</b>	Not applicable
<b>Viscosity:</b>	Not applicable	<b>Evaporation Rate (BAc = 1):</b>	Not applicable
<b>Specific Gravity (Water = 1):</b>	Not applicable	<b>Solubility in Water:</b>	Insoluble
<b>Vapor Density (Air = 1):</b>	Not applicable	<b>Solubility in Oil:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable	<b>Solubility in Acetone:</b>	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:** No adverse effects due to inhalation are expected.

**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

Product	Species	Test Results
Sulfur (CAS 7704-34-9)		
<b>Acute</b>		
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:** Not known.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

**DOT Classification:** DOT exempt when sulfur is in 50 lb bags.

**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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