

SAFETY DATA SHEET

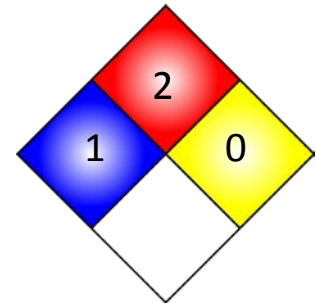
PAGE # 1 OF 5

InteGro Magnetic Sulfur Dust

SDS DATE: 9/23/2015

1. IDENTIFICATION

Product Name: InteGro Magnetic 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

Appearance:		Melting Point:	246 Deg. F
Color:	Yellow	Boiling Point:	Not applicable
State:	Powder	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: 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)		
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: 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

Issue Date: 9-23-2015