



U.S. Department of Labor Occupational Safety and Health Administration (non-mandatory form)  
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## Material Safety Data Sheet

### Section 1 – Chemical Product Information

Date Prepared: January 1, 2009

Product: **Dry-O-Lite® Chemical Desiccant**  
(Alkali chloride salt > 75%)

DRY-O-LITE	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	1
PROTECTIVE EQUIPMENT	B

Part No.: 33-0203, 33-0284, 33-0287, 33-0340, 33-0311 & 33-0313

### Section 2 – Hazardous Ingredients/Identity Information

- 1) The ingredients and percentage of ingredients in Dry-O-Lite® is a trade secret.
- 2) Dry-O-Lite® does not contain hazardous ingredients.
- 3) Dry-O-Lite® does not contain any substances found on the following EPA regulations:
  - a. "Extremely Hazardous Substances"
  - b. "CERCLA Hazardous Substances"
  - c. "Toxic Substances"

### Section 3 – Physical Chemical Characteristics

Boiling Point: > 1000°C  
Bulk Density: 72#/cubic foot  
Vapor Pressure (mm Hg): Not applicable.  
Melting Point: Loses water of hydration @ 241-244°F  
Vapor Density (Air=1): Not applicable.  
Solubility in Water: Readily soluble.  
Evaporation Rate (Butyl Acetate=1): Not applicable.

Appearance and Odor: Tablet size – 3/4" X 5/8"; used in a sealed pressure vessel as a desiccant. White tablets with pink specks, odorless.

### Section 4 – Fire and Explosion Hazard Information

#### Flammable Properties

Flash Point: Not applicable.  
Method Used: Not applicable.

#### Flammability Limits

LEL: Not applicable.  
UEL: Not applicable.

Fire Fighting Instructions: Non-combustible.  
Extinguishing Media: Not applicable.  
Unusual Fire and Explosion Hazards: Under extreme heat and fire conditions, possibility of metal oxide fumes produced.

### Section 5 – Reactivity Information

Stability (Conditions to avoid): Stable. Avoid exposure to atmosphere; tablets will attract water.

Incompatibility (Materials to avoid): Not applicable.  
Hazardous decomposition/byproducts: None.  
Hazardous Polymerization: Will not occur.

### Section 6 – Health Hazard Information

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Potential Health Effects: Inhalation, skin and eye contact.

Health Hazards (acute and chronic): None known.  
Carcinogenicity: No.  
NTP: No.  
IARC Monographs: No.  
OSHA Regulated: No.

Signs and Symptoms of Exposure: Skin dryness due to desiccant action. Ingestion of large amounts may cause vomiting, diarrhea and prostration.

#### Emergency and First Aid Procedures

Eyes: Flush with water for at least 15 minutes.  
Skin: Wash with soap and water. Treat for dry skin.  
Inhalation: Remove to fresh air.

**IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION**

### Section 7 – Precautions for Safe Handling and Use

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Small/Large Spills: Sweep, shovel or vacuum for disposal or reuse.

Waste Disposal Method: Treat tablets as ordinary non-combustible solid waste. Solution is non-toxic and will not support plant or marine life.

Handling & Store: Mixture is non-toxic. NIOSH respiratory protection as needed for nuisance dust. Store in cool dry place. Keep containers closed since material is hygroscopic and deliquescent. Wash hands after handling.

Other precautions: Before storing in dry location. Repair damaged containers.

### Section 8 – Control Measures

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Respiratory Protection (specific type): Avoid inhaling dust. Use respirator for dusty conditions.

Ventilation: Use dilution ventilation.  
Local Exhaust – If worker discomfort.

Protective Gloves: Rubber gloves recommended.

Eye Protection: Use chemical safety goggles.

Other Protective Clothing & Equipment: Clean, body-covering clothing recommended.

Work/Hygienic Practices: Wash thoroughly after handling.