



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.

eCompressedair.com | 866-650-1937

Deliquescent Desiccant

Part Numbers: 1212028, 1283992, 1283993

Material Safety Data Sheet

Section 1 – Chemical Product Information

Date Prepared: January 1, 2011

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

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

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

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 which are 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

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

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 any damaged containers.

Section 8 – Control Measures

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.