

# Material Safety Data Sheet

**Section 1 – Chemical Product Information** Date Prepared: March 15, 2006

Product: **Dry-O-Lite® Chemical Desiccant**

(Alkali chloride salt > 75%)

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.

2950 Mechanic Street, Lake City, PA

16423-2095

Phone: 814/774-2631

Or 800/840-9906

Corporate Fax: 814/774-0778

E-mail: [vanair@vanairsystems.com](mailto:vanair@vanairsystems.com)

[www.vanairsystems.com](http://www.vanairsystems.com)

U.S. Department of Labor Occupational

Safety and Health Administration (nonmandatory form)

May be used to comply with OSHA's Hazard Communication Standard, 29

CFR 1910.1200. Standard must be consulted for specific requirements.

### **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 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.