

VAN AIR SYSTEMS



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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 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.

Material Safety Data Sheet

- 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	Evaporation Rate (Butyl Acetate=1): Not applicable.
Bulk Density:	72#/cubic foot	
Vapor Pressure (mm Hg):	Not applicable.	
Melting Point:	Loses water of hydration @ 241-244°F	Appearance and Odor:
Vapor Density (Air=1):	Not applicable.	Tablet size – 3/4" X 5/8";
Solubility in Water:	Readily soluble.	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.

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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.