

VAN GAS TECHNOLOGIES



A Division of Van Air Inc.
2950 Mechanic Street, Lake City, PA
16423-2095
Phone: 814/774-2631
Or 800/840-9906
Corporate Fax: 814/774-0778
E-mail: info@vangastech.com
www.vangastech.com

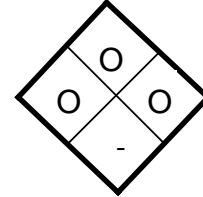
U.S. Department of Labor Occupational
Safety and Health Administration (non-
mandatory form)
May be used to comply with OSHA's
Hazard Communication Standard, 29
CFR 1910.1200. Standard must be
consulted for specific requirements

Material Safety Data Sheet

Section 1 – Chemical Product Information

Date Prepared: March 15, 2006

Product: **GasDry Prime/DOL**
Chemical Desiccant
(Alkali chloride salt > 75%)



Part No.: 33-0354, 33-0355, 33-0356 & 33-0357

Section 2 – Hazardous Ingredients/Identity Information

- 1) The ingredients and percentage of ingredients in GasDry Prime is a trade secret.
- 2) GasDry Prime does not contain hazardous ingredients.
- 3) GasDry Prime 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.

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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.