

# VAN GAS TECHNOLOGIES



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U.S. Department of Labor Occupational Safety and Health Administration (non-mandatory form)

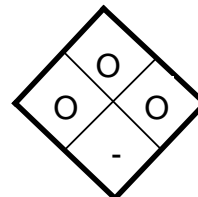
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## Material Safety Data Sheet

### Section 1 – Chemical Product Information

Date Prepared: May 1, 2006

Product: **GasDry Max/10BF**  
**Chemical Desiccant**  
(Inorganic Alkaline Metal Chloride)



Part No.: 33-0232, 33-0318 & 33-0366

### Section 2 – Hazardous Ingredients/Identity Information

- 1) The ingredients and percentage of ingredients in Type GasDry Max desiccant is a trade secret.
- 2) Type GasDry Max does not contain any toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Emergency Planning and Community Right-To-Know Act of 1986.
- 3) Canadian (WHMIS) Hazard Classification: Class D, Division 2B (Skin and Eye Irritant).

### Section 3 – Physical Chemical Characteristics

Boiling Point: 2471°F  
Specific Gravity (Water=1): 2.1 g/cc  
Vapor Pressure (mm Hg): Not applicable.  
Melting Point: 1126°F  
Vapor Density (Air=1): Not applicable.  
Solubility in Water (@ 77°F): 45.4% (w/w) @ 77°F.  
Evaporation Rate (Butyl Acetate=1): Not applicable.  
Appearance and Odor: Tablet size – 1" diameter X 3/4" height. White tablets, 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: Wear full protective clothing and self-contained breathing apparatus (SCBA) approved for fire fighting. This is necessary to protect against the hazards of heat, products of combustion and oxygen deficiency. Do not breathe smoke, gases or vapors generated.  
Extinguishing Media: Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
Unusual Fire and Explosion Hazards: Not applicable.

### Section 5 – Reactivity Information

Stability (Conditions to avoid): Stable. Hygroscopic; tablets will attract water. (Contact with acids).  
Incompatibility (Materials to avoid): Strong acids.  
Hazardous decomposition/byproducts: None.  
Hazardous Polymerization: Will not occur.

**Section 6 – Health Hazard Information**

Potential Health Effects:	This product is irritating to the skin and eyes, and expected to be irritating to the nose and throat. Ingestion may cause drowsiness, weakness, tremors, anorexia, nausea, and blurred vision and muscle spasms.
Health Hazards (acute and chronic):	Acute: Product has low oral and dermal toxicity in laboratory animals. It has been reported to have oral toxicity in humans at doses of 7-61 mg/kg (JAMA 139:688, 1949). This product is irritating to the skin and eyes, and expected to be irritating to the nose and throat.  Chronic: Ingestion of this product has been reported to produce drowsiness, weakness, tremors, anorexia, nausea, blurred vision and muscle spasms in humans.
Carcinogenicity:	Not Listed.
NTP:	Not Listed.
IARC Monographs:	Not Listed.
OSHA Regulated:	Not Listed.
Signs and Symptoms of Exposure:	Skin rash or redness and eye irritation, slightly irritating to nose and throat.
Emergency and First Aid Procedures	
Eyes:	Flush with water for at least 15 minutes.
Skin:	Wash with soap and water. Get medical attention if irritation persists.
Inhalation:	Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.
Ingestion:	Drink 1 or 2 glasses of water and induce vomiting or administer Syrup of Ipecac (Only if conscious). Consult a physician.

**IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION****Section 7 – Precautions for Safe Handling and Use**

Small/Large Spills:	No special precautions. Material can be cleaned up with shovels, brooms and/or water. Place in suitable closed container and label.
Waste Disposal Method:	Dispose of waste according to Federal, State and Local Regulations.
Handling:	Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wear safety glasses/goggles and rubber gloves. Wash thoroughly after handling.
Other precautions:	Store in a dry place and keep container closed.

**Section 8 – Control Measures**

Respiratory Protection (specific type):	Recommend dust mask (NIOSH/MSHA) if dust is excessive.
Ventilation:	Provide adequate ventilation.
Protective Gloves:	Rubber gloves.
Eye Protection:	Safety glasses or goggles.
Other Protective Clothing & Equipment:	Rubber apron or disposable coveralls.
Work/Hygienic Practices:	Quick-drench eyewash and safety shower. Wash thoroughly after handling.