

VAPCO PRODUCTS DIV.
401 Marshall Road
Valley Park, MO 63088

For Customer Service call: (636) 923.2121
Emergency Telephone: (800) 255-3924

GREAT WHITE

HMIS: 2-0-0 NFPA: 2-0-0

Data Sheet: 150
Prepared: 12/28/05
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SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens are identified with an asterisk (*) in this section.

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Unlisted ingredients are not 'hazardous' per OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

<u>Ingredient(s)</u>	<u>Cas#</u>	<u>Exposure Limits</u>	<u>Percent</u>	<u>Note</u>
1,1,1,2-Tetrafluoroethane	811-97-2		15-35%	

Trace impurities and additional material names not listed above may also appear in the Regulatory Information section(#15)

These materials may be listed for local "Right to Know" compliance and for other reasons.

See Section 16 for additional information.

SECTION 3: HAZARDS IDENTIFICATION

Permissible Exposure Limits: Not established for this product.

Effects of Acute Overexposure: May cause dizziness and loss of concentration. At higher levels, CNS depression and cardiac Arrhythmia may result.

Eyes: Eye contact with liquid product will cause irritation.

Skin: Prolonged or repeated contact with liquid product may cause irritation.

Inhalation: Exposure to vapors in poorly ventilated areas may cause irritation of the nose, throat and respiratory tract.

Symptoms of asphyxiation: Loss of coordination increased pulse rate and deeper respiration will occur.

Ingestion: Not an anticipated route of exposure. Harmful if swallowed.

Chronic: No anticipated chronic effects.

Regulated Carcinogen Status: Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH OR OSHA listed carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Flush immediately with water for 15 minutes. Consult a physician if irritation persists.

SKIN: Wash affected area with soap and water. Launder contaminated clothing before reuse.

INHALATION: Remove subject to fresh air.

INJECTION: If person can swallow, give one glass of water or milk. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point/method: NONE degrees F SETA, NONE degrees C.

Explosive Limit: Lower limit: N/A Upper limit: N/A

Autoignition Temperature: Not Applicable

Appropriate Extinguishers: Non-flammable in liquid state; use water spray, foam, dry chemical or carbon dioxide on dried product.

Hazardous Decomposition Products: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide.

Fire Fighting Procedures: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards: There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds or water systems.

SECTION 7: HANDLING AND STORAGE

Handling: Wear appropriate protective equipment when working with this product.

Storage: Avoid temperature extremes in storage. Do not freeze.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not normally required. Use NIOSH/MSHA approved respirator if conditions warrant.

Ventilation: General dilution ventilation.

Skin Protection: Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing. Launder contaminated clothing before reuse.

Eye Protection: Wear safety glasses to reduce the potential for eye contact; chemical safety goggles are appropriate if splashing or dusting is likely. Have eye washes available where eye contact can occur.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<u>Property</u>	<u>Measurement</u>	<u>Property</u>	<u>Measurement</u>
Physical State	liquid	Color	White/Clear
Odor	Acrylic	Odor Threshold	Not Established
Weight per gallon	8.961 lbs.	Specific Gravity	1.07
% solids by weight	43.2	pH	8.8
Boiling Range	Greater than 200° F (93° C)	Freezing/Melting Point	Not Established
Vapor Pressure	Not Established	Vapor Density	Not Established
Evaporation Rate	Not Established	VOC	Not Established
Water/Oil Partition Coefficient	Not Established		

SECTION 10: STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Not Established

Stability: Stable

Incompatibility: Not Established

SECTION 11: TOXICOLOGICAL INFORMATION

Immediate (Acute) Effects:

LC50(rat) 4HR > 500,000 ppm

Cardiac Sensitization threshold; 80,000 ppm NOEL (dog) 50,000 ppm

Delayed (subchronic & Chronic) effects:

Not mutagenic in four tests

Teratogenic NOEL (rat & rabbit) 40,000 ppm
Subchronic inhalation (rat) NOEL 50,000 ppm
Chronic NOEL 10,000 ppm

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14: TRANSPORTATION INFORMATION

UNITED STATES DEPARTMENT OF TRANSPORTATION (DOT)

Dot proper shipping name: Compressed gases, N.O.S. (contains 1,1,1,2-tetrafluorethane)
UN 1956
DOT hazard class/I.D. Code: 2.2

SECTION 15: REGULATORY INFORMATION

Federal:

Toxic Substances Control Act (TSCA)

Section 4 – Test Rule

This product contains a chemical substance that is subject to a Section 4 Test Rule.

Contact the company TSCA Compliance Manager at (612)236-5858 for the identity of the Section 4 chemical(s).

Section 8 (b) – Inventory Status

This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

Section 12 (b) – Export Mitice Requirements

This product contains a chemical substance that is currently on the EPA's Section 12 (b) Export List. Within seven days of entering into a contract to export and certainly no later than the day of export, the agent of export must notify the EPA of their intent.

SARA Title III:

Section 313:

This product does not contain regulated levels of any toxic chemical subject to the reporting requirements of section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

State Regulations:

California Proposition 65: Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product does not contain known levels of any chemical known to the State of California to cause cancer or cause reproductive damage.

WHMIS Identification/Other International Regulations:

D2A

SECTION 16: OTHER INFORMATION

This product contains limited amounts of residual monomer. Under normal handling and use conditions the residual monomer should not present a hazard. In storage the monomer will migrate from the emulsion and establish an equilibrium between the headspace in the storage container and the liquid emulsion. Levels in excess of acceptable exposures can accumulate in non-vented headspace above the emulsion. All procedures appropriate for a confined space entry should be completed prior to performing any work in a bulk storage tank.