

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name Freeze Spray (STAT-FREEZE)	Product Code SL202
Manufacturer's Name StatLab Medical Products, Inc.	Emergency Telephone Number 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 407 Interchange st. McKinney Tx 75071	Telephone Number for Information 800-442-3573 x 2 rev(11/06) Date Prepared 4/10/2000 rev (11/06) Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Tetrafluoroethane	811-97-2	NE			100

Section 3. Hazards Identification

Emergency Overview

Potential Health Effects

Eye Liquid can cause slight, temporary irritation with slight temporary corneal injury. Vapors can irritate eyes.

Skin Prolonged or repeated contact with liquid can cause freezing of skin tissues, defatting, and dermatitis.

Ingestion Single dose toxicity is low to moderate. If vomiting occurs the liquid can be aspirated into the lungs, which can cause chemical pneumonia and systemic effects. Human psychotropic, gastrointestinal, and central nervous system effects possible.

Inhalation Major potential route of exposure. Minimal effects observed below 1000 ppm. Dizziness, drowsiness, and throat irritation possible at levels above 1000 ppm. Unconsciousness and death at levels above 10,000 ppm. Blood pressure depression, cardiac sensitization, and ventricular arrhythmia can result from exposure to near-anesthetic levels.

Chronic/Carcinogenicity

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Teratology N/A

Reproduction N/A

Mutagenicity N/A

Section 4. First Aid Measures

Eye Flush eyes with large amounts of water for 15 minutes or until irritation subsides. If irritation persists, get medical attention

Skin Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of water. Use soap if available. If irritation persists, get medical attention.

Ingestion Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation Move victim to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration. CALL FOR PROMPT MEDICAL ATTENTION.

All Other Means of Exposure CONTACT POISON CONTROL CENTER IMMEDIATELY. Be prepared to provide hazardous ingredient information from Section 2.

Section 5. Fire Fighting Measures

Flammable Properties Flash Point None Method

Flammable Limits Lower N/A Upper N/A

Autoignition Temperature N/A

Hazardous Combustion Products Smoke, fumes and oxides of carbon.

Extinguishing Media Water, foam, dry chemical, carbon dioxide.

Fire Fighting Instructions Fire fighters should wear self contained, positive-pressure breathing apparatus and avoid skin contact. Aerosol cans may erupt with force at temperatures above 120° F.

Section 6. Accidental Release Measures

Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along floor and in low lying areas. Pick up liquid on suitable absorbent and store in sealed containers.

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Section 7. Handling and Storage

Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. Follow all MSDS and label warnings even after container is emptied. (See STABILITY AND REACTIVITY Section 10.)

Section 8. Exposure Controls, Personal Protection

Engineering Controls Local exhaust ventilation is acceptable.

Respiratory Protection If concentrations are over the exposure limit and are known, air purifying respirator with Organic Vapor Cartridges may be acceptable. Refer to cartridges for acceptable levels. If concentrations are over exposure limits and are unknown, use a supplied air respirator.

Skin Protection Gloves

Eye Protection Safety glasses

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Tetrafluoroethane	811-97-2	NIF			100

Section 9. Physical and Chemical Properties

Boiling Point	-27°F	Specific Gravity (H2O = 1)	
Vapor Pressure (mm Hg)	N/A	Melting Point	
Vapor Density (AIR = 1)	3.0	Evaporation rate (Butyl Acetate = 1)	>1
Solubility in Water	0	Physical State	liquid
Appearance and Odor	clear with low odor	Other	pH: 7-8

Section 10. Stability and Reactivity

Chemical Stability Stable

Incompatibility Contact with open flame, heat. Reactive alkali metals, strong acids and bases.

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Hazardous Decomposition Products

Hydrogen fluoride, carbon dioxide and carbon monoxide

Hazardous Polymerization

Section 11. Toxicological Information

Information not available.

This product does not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12. Ecological Information

Information not available.

Section 13. Disposal Considerations

Federal, State and Local laws governing disposal of materials can differ.

Ensure proper disposal compliance with proper authorities before disposal.

Section 14. Transport Information

US DOT (domestic ground)

Consumer Commodity ORM-D

IATA (air)

1,1,1,2-Tetrafluoroethane, 2.2, UN3159,

NOTE: It is ultimately the shippers responsibility to make hazard class determination based on their best information available.

Section 15. Regulatory Information

TSCA Status: All components of this solution are listed on the TSCA Inventory.

CERCLA Reportable Quantity: None of the chemicals are Superfund hazards.

SARA TITLE III:

Section 302 Extremely Hazardous Substances: Not Section 302 hazard.

Section 311/312 Hazardous Categories: Immediate (acute) health hazard.

Section 313 Toxic Chemicals: No

Section 16. Other Information

NFPA Ratings: Health: 1 Flammability: 0 Reactivity: 1 Special Notice Key: None

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard.

Alteration to its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and STATLAB MEDICAL PRODUCTS, INC. assumes no legal responsibility or liability whatsoever resulting from its use.