Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Name Acetic Acid	Product Code 00100-16
Manufacturer's Name StatLab Medical Products, Inc.	Emergency Telephone Numbe 800-424-9300
Address (Number, Street, City, State, and ZIP Code 407 Interchange st.	Telephone Number for Information 800-442-3573 x 2
McKinney Tx 75071	Date Prepared 3/19/2003 rev(10/2006)
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Acetic Acid	64-19-7	10ppm TWA	10ppm 15ppm STEL		100

Section 3. Hazards Identification

Emergency Overview

The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organ damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

Potential Health Effects

Eye	Extremely hazardous in case of eye contact. May produce tissue damage on mucous membranes of eyes. Inflammation of the eye is characterized by redness, watering, and itching.
Skin	Very hazardous in case of skin contact. Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Ingestion	Very hazardous in case of ingestion. Liquid or spray mist may produce tissue damage on the mouth.
Inhalation	Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.
Chronic/Carcinogenicity	Not available
Teratology	Not available
Reproduction	Not available
Mutagenicity	Not available

Section 4. First Aid Measures

Eye Check for and remove contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use eye ointment. Seek medical attention.

Skin If the chemical got onto the clothed portion of the body, remove the contaminated clothing as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as hands, gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

FOR SERIOUS SKIN CONTACT: Wash with a disinfecting soap and cover the contaminated area with an anti-bacterial cream. Seek immediate medical attention.

Ingestion Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested.; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Inhalation Allow the victim to rest in a well ventilated area. Seek medical attention.

SERIOUS INHALATION: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing, If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate 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	102.2° F	Method	TCC
Flammable Limits	Lower	4%	Upper	19.90%

Slightly flammable in presence of oxidizing materials.

Autoignition Temperature	800.6° F
Hazardous Combustion Products	Carbon Oxide (CO,CO2).
Extinguishing Media	DRY chemical powder. Alcohol foam, water spray or fog.
Fire Fighting Instructions	Small fire: DRY chemical powder.

Large fire: Alcohol foam, water spray or fog. Cool containing vessel with water jet to prevent pressure build up, autoignition or explosion.

Section 6. Accidental Release Measures

Small Spill Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid.

Large Spill Flammable liquid. Corrosive liquid. Keep away from sources of ignition. Stop leak if with out risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above the TLV.

Section 7. Handling and Storage

Handling Keep container dry. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapors/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or label. Avoid contact with the eyes.

Storage Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well ventilated place. Ground all equipment containing material. Keep in a cool place.

Section 8. Exposure Controls, Personal Protection

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work station location.

Respiratory Protection Exhaust ventilation or self contained breathing apparatus.

Skin Protection Full suit, boots and gloves.

Eye Protection Splash goggles.

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Acetic Acid	64-19-7	10ppm TWA	10ppm		100
			15ppm STEL		

Section 9. Physical and Chemical Properties

Boiling Point	244.6° F	Specific Gravity (H2O = 1)	1.053
Vapor Pressure (mm Hg)	11	Melting Point	32° F
Vapor Density (AIR = 1)	2.07	Evaporation rate (Butyl Acetate = 1)	
Solubility in Water	Easily in cold water	Physical State	Liquid
Appearance and Odor	Light color/strong odor	Other	

Section 10. Stability and Reactivity

Chemical Stability	Stable
Incompatibility	N/A
Hazardous Decomposition Products	N/A
Hazardous Polymerization	No

Section 11. Toxological Information

ROUTE OF ENTRY: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxic to lungs and mucous membranes.

Section 12. Ecological Information

Possible hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.

Section 13. Disposal Considerations

Recycle to process if possible. Consult locat or regional authorities.

Section 14. Transport Information

US DOT (domestic ground) Acetic Acid, Glacial, 8,(3), UN2789 II

IATA (air) Acetic Acid, Glacial, 8, (3), UN2789 II

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

Section 15. Regulatory Information

Section 16. Other Information

NFPA Ratings: Health: 3 Flammability:2 Reactivity: 0 Special Notice Key: None

HMIS® Ratings: Health: 3 Flammability: 0 Reactivity: 0 Protective Equipment: 0

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.