

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name	Product Code
Periodic Acid	PA-16
Manufacturer's Name	Emergency Telephone Number
StatLab Medical Products, Inc.	800-424-9300
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information
407 Interchange st.	800-442-3573 x 2
McKinney Tx 75071	Date Prepared
	4/23/2001
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Periodic Acid 1%	10450-60-9	N/A			

Section 3. Hazards Identification

Emergency Overview

Product as offered in liquid form, is not expected to present unusual health hazards when following good laboratory practices. Material is slightly corrosive.

Potential Health Effects

Eye	Vapors of heated solution may cause minor eye irritation.
Skin	Vapors of heated solution may cause minor skin irritation.
Ingestion	
Inhalation	Vapors of heated solution may cause minor respiratory irritation.
Chronic	Not known, target organs, lungs and mucous membrane.
Carcinogenicity	Not classified as a human carcinogen
Teratology	
Reproduction	
Mutagenicity	

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Section 4. First Aid Measures

Eye Thoroughly flush eyes with water. Contact a physician if irritation persists.

Skin Remove contaminated clothing. Wash affected area with soap and water.

Ingestion Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Contact a physician.

Inhalation Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

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 NA Method

Flammable Limits Lower NA Upper NA

Autoignition Temperature

Hazardous Combustion Products

Extinguishing Media Water spray, dry chemical, CO₂, and foam

Fire Fighting Instructions Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream. Avoid reducing agents/organic material.

Section 6. Accidental Release Measures

Clean spill by dilution with water. Place all contaminated material in close container for disposal.

Section 7. Handling and Storage

Handling Wash thoroughly with soap and water after handling.

Storage

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Section 8. Exposure Controls, Personal Protection

Engineering Controls	Mechanical exhaust is sufficient in ventilated areas.
Respiratory Protection	Not normally required if used in a ventilated area.
Skin Protection	Chemical resistant gloves.
Eye Protection	Safety glasses

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Periodic Acid 1%	10450-60-1	N/A			

Section 9. Physical and Chemical Properties

Boiling Point	312°F	Specific Gravity (H ₂ O = 1)	~1
Vapor Pressure (mm Hg)	NA	Melting Point	
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA
Solubility in Water	complete	Physical State	liquid
Appearance and Odor	clear liquid/odorless	Other	

Section 10. Stability and Reactivity

Chemical Stability	Stable
Incompatibility	organic materials
Hazardous Decomposition Products	Hydrogen, iodine vapors
Hazardous Polymerization	Does not occur

Section 11. Toxicological Information

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Section 12. Ecological Information

Section 13. Disposal Considerations

Section 14. Transport Information

Section 15. Regulatory Information

Section 16. Other Information

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.