



SAFETY DATA SHEET

1. Identification of the Substance and Company

Cal Stat

Product No. 1462

MSDS No. 1462

Prepared by: M. Ebers

Date Created: : December 1, 2001 Date Revised: NA

STERIS Corporation, P. O. Box 147, St. Louis, MO 63166, US
Emergency Telephone No.1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)
Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)

NFPA 704 HAZARD RATING:

HEALTH: 1
FIRE: 3
REACTIVITY: 1

2. Composition/Information on Ingredients

Hazardous Component(s)	EEC No.	CAS No.	% By Wt.	Symbol	R Phrases
Isopropyl alcohol	NA	67-63-0	56% (63% by volume)	NA	NA

3. Hazards Identification

Flammable. May cause eye irritation.

4. First Aid Measures

Eye Contact: Flush eyes immediately with water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Discontinue use if irritation and redness develop

Inhalation: Remove patient to fresh air. If not breathing, give artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. Get medical attention. Do not give anything by mouth to an unconscious person. If conscious, drink a large quantity of milk or water.

5. Fire-Fighting Measures

Flash Point: 70F (21C) **Method:** PMCC

Flammability Classification: NFPA 30: Class IB Flammable Liquid

Special Hazards: None known.

Extinguishing Media: In case of fire, flood with water or use dry chemical, CO₂ or "alcohol" foam.

Special Fire Fighting Procedures: Exercise caution when fighting any chemical fire. Respiratory protection is essential.

6. Accidental Release Measures

Spills may be flushed with large amounts of water; larger spills should be collected for disposal. Prevent large quantities from entering sewers, watercourses or low areas.

7. Handling and Storage

7.1 Handling

Do not use in or near the eyes. Use in only well-ventilated area; fumes may be toxic. For external use only.

7.2 Storage

Do not store at temperatures below 32° F. Keep out of reach of children.

8. Exposure Control/Personal Protection

8.1 Occupational Exposure Limits

Isopropyl alcohol: ACGIH TLV and OSHA PEL = 400 ppm. ACGIH STEL = 500 ppm

8.2 Personal Protection

Respirator Protection: Not required.

Eye Protection: Not required.

Protective Gloves: Not required.

Other Protective Clothing and Equipment: Not required.

Ventilation: Local and mechanical exhaust recommended.

9. Physical and Chemical Properties

Solubility in Water: Complete **Specific Gravity:** Approximately 0.89

Appearance/Odor: Clear blue liquid/alcohol odor.

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatible Materials: Strong oxidizers, halogens, aldehydes and strong inorganic acids.

Conditions to Avoid: Keep away from fire or flame.

Hazardous Decomposition or Byproducts: Carbon monoxide and carbon dioxide.

11. Toxicological Information

11.1 Acute (Primary Routes of Exposure)

Eyes: Causes eye irritation.

Skin: Not a primary irritant.

Ingestion: May cause nausea or vomiting.

11.2 Long Term Exposure

None known.

Carcinogenicity: IARC, NTP and OSHA do not list this product or its ingredients as carcinogens.

12. Ecological Information

None available

13. Disposal Considerations

Product may be flushed to a sanitary sewer with copious amounts of water, if in accordance with state, local and federal regulations. For additional guidance, contact the State Water Board or the Regional Office of the EPA.

14. Transport Information

Ground: (For 1 liter size and smaller) : Consumer Commodity, ORM-D or **(For larger than 1 liter):** Isopropanol, 3,Flammable Liquid, UN 1219, PG II, LTD. QTY.

Sea: IMDG Class: **(For 1 liter size and smaller) :** Isopropanol, 3, Flammable Liquid, UN 1219, PG II, LTD. QTY. (These markings/labels not supplied on case for products) or **(For larger than 1 liter):** Isopropanol, 3,Flammable Liquid, UN 1219, PG II (These markings/labels not supplied on case for products)

Air: ICAO/IATA Class: Consumer Commodity, ID 8000, Class 9 (Markings/labels not supplied on case) **1L and 1.2 L dispenser sizes are not acceptable for air shipment.**

15. Regulatory Information

None available

16. Other Information

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.

NA - Not Applicable

ND - No Data