



SAFETY DATA SHEET

1. Identification of the Substance and Company

Cal Stat Plus
Healthcare Personal Handwash
Product No. 1181
MSDS No. 1181

Prepared by: M. Ebers
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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)	% By Wt.	CAS No.	EU No.	Symbol	R Phrases
Isopropyl alcohol	56% (63% by volume)	67-63-0	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: Approximately 70F (21C)

Flammability Classification: NFPA 30: Class IB Flammable Liquid

Special Hazards: None known. **Method:** PMCC

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 = 200 ppm; OSHA PEL & HSE WEL TLV = 400 ppm; ACGIH, OSHA & HSE WEL 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 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: (IMGD 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

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