



SAFETY DATA SHEET

1. Identification of the Substance and Company

Alcare Plus

Antiseptic Handrub with Emollients

Product No. 6399

MSDS No. 6399

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Date Created: December 1, 2001

Date Revised: December 21, 2009

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)

2. Hazards Identification: Flammable, pressurized. Eye irritant.

3. Composition/Information on Ingredients

Hazardous Component(s)	% By Wt.	CAS No.	EU No.	Symbol	R Phrases	Oral LD ₅₀	Inhalation LC ₅₀
Ethyl alcohol	30 - 60 (62% by volume)	64-17-5	NA	NA	NA	7060mg/kg (rat)	8000ppm/4hr (rat)
1,1 Difluoroethane	1 - 5	75-37-6	NA	NA	NA	>1500mg/kg (rat)	383000ppm/ 4hr (rat)
Isobutane	1 - 5	75-28-5	NA	NA	NA	ND	ND

4. First Aid Measures

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

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 large quantity of milk or water.

5. Fire-Fighting Measures

Conditions of Flammability/Flash Point: NA **Method:** NA

Autoignition Temperature: ND

Flammable Limits: LEL: ND **UEL:** ND

Flammability Classification: NFPA 30B Level I Aerosol

Special Hazards: Product is a pressurized alcohol-water mixture in an aerosol can.

Explosibility Data: ND

Extinguishing Media: Suitable for surrounding fire - water, foam, dry chemical, CO₂.

Special Fire Fighting Procedures: If pressurized cans rupture, treat as an alcohol fire.

Hazard Combustion Products: Combustion will produce CO, CO₂.

6. Accidental Release Measures: Remove all sources of heat or ignition. Flush with water to drain.

7. Handling and Storage

7.1 Handling: 7.2 Storage:

Store and use at 55-85F, but DO NOT store above 120F.

Close container after use. Store at normal room temperature for 24-48 hours following any prolonged exposure to the cold.

8. Exposure Control/Personal Protection

8.1 Occupational Exposure Limits:

Ethyl alcohol: ACGIH TLV and OSHA PEL = 1,000 ppm

8.2 Personal Protection

Respirator Protection: NA.

Eye Protection: NA

Protective Gloves: NA

Other Protective Clothing and Equipment: NA.

Engineering Controls/Ventilation: Normal room ventilation.

9. Physical and Chemical Properties

Solubility in Water: soluble

Specific Gravity: ~0.895 g/ml (fill)

Physical State/Appearance/Odor: White foam (as dispensed)/Mild alcohol odor.

Odor Threshold, Vapor Pressure, Vapor Density, Evaporation Rate, Boiling Point and Freezing Point: ND

Coefficient of Water/Oil Distribution: ND

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatible Materials: None known.

Conditions to Avoid/Conditions of Reactivity: Temperatures above 120F may cause can to rupture.

Hazardous Decomposition or Byproducts: Combustion will produce CO, CO₂.

11. Toxicological Information

11.1 Acute (Primary Routes of Exposure)

Eyes (Irritancy): Direct spray will irritate eyes.

Skin (Irritancy or Sensitization): Not a primary skin irritant.

Ingestion: Acute Oral LD₅₀ (rats) >5,000 mg/kg. Dizziness, headache may occur if ingested.

11.2 Long Term Exposure

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

Reproductive Toxicity/Teratogenicity/Mutagenicity/Toxicologically Synergistic Products: ND

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: Shipping Name: Consumer Commodity **Hazard Class:** ORM-D

Sea: IMDG Class: Aerosols, Flammable Gas, 2.1, UN 1950, LTD QTY

Air: US - CFR 49: Consumer Commodity, ORM-D-AIR

Air: ICAO/IATA Class: Aerosols, Flammable Gas, 2.1, UN 1950, LTD QTY (Appropriate markings/labels not supplied on case - case requires full shipping name and flammable diamond)

15. Regulatory Information: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulation

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