



## SAFETY DATA SHEET

### 1. Identification of the Substance and Company

**Alcare OR®**

**Foamed Antiseptic Handrub**

**Product No. 6396**

**SDS No. 6396**

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### NFPA 704 HAZARD RATING:

**HEALTH:** 1

**FIRE:** 3

**REACTIVITY:** 0

### 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 <sub>50</sub> | Inhalation LC <sub>50</sub> |
|------------------------|----------------------------|---------|--------|--------|-----------|-----------------------|-----------------------------|
| Ethyl alcohol          | 30 – 60<br>(62% by volume) | 64-17-5 | NA     | NA     | NA        | 7060mg/kg<br>(rat)    | 8000ppm/4<br>hr (rat)       |
| 1,1<br>Difluoroethane  | 1 - 5                      | 75-37-6 | NA     | NA     | NA        | >1500mg/kg<br>g (rat) | 383000ppm<br>/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, CO<sub>2</sub>.

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

**Hazard Combustion Products:** Combustion will produce CO, CO<sub>2</sub>.

### 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, CO<sub>2</sub>.

### 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 LD<sub>50</sub> (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:** UN 1950, Aerosols, Flammable Gas, 2.1, LTD QTY

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

**Air:** ICAO/IATA Class: UN 1950, Aerosols, Flammable Gas, 2.1, LTD QTY (Appropriate labels not supplied on case – case requires flammable diamond).

### 15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS 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