SAFETY DATA SHEET
Alcare Plus® Foamed Antiseptic Handrub

This product is regulated by the FDA, therefore, the requirements for product labeling do not fall under the jurisdiction of the OSHA Hazard Communication Standard according to 29 CFR 1910.1200.

1. Identification

Product identifier

Product name Alcare Plus® Foamed Antiseptic Handrub
Product number 639936, 639957, 639990, 6399P2

Recommended use of the chemical and restrictions on use

Application Hand sanitizer. For hospital and professional use only.

Details of the supplier of the safety data sheet

Supplier Deb USA, Inc. (dba DebMed)
2815 Coliseum Centre Drive, Suite 600
Charlotte, North Carolina 28217 USA
866-783-0422
704-264-9601

Emergency telephone number

Emergency telephone (800) 424-9300 CHEMTREC (North America)

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This product is regulated by the FDA, therefore, the requirements for product labeling do not fall under the jurisdiction of the OSHA Hazard Communication Standard according to 29 CFR 1910.1200.

Physical hazards Flam. Aerosol 2 - H223
Health hazards Eye Irrit. 2A - H319
Environmental hazards Not Classified

Label elements

Pictogram

Signal word Warning

Hazard statements H223 Flammable aerosol.
H319 Causes serious eye irritation.
Alcare Plus® Foamed Antiseptic Handrub

Precautionary statements

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P251 Pressurized container: Do not pierce or burn, even after use
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P370+P378 In case of fire: Use alcohol resistant foam, carbon dioxide or dry powder to extinguish.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/ container in accordance with local regulations.

Other hazards
None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>ETHANOL</th>
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<tr>
<td>CAS number:</td>
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<tr>
<td>Classification</td>
<td></td>
</tr>
<tr>
<td>Flam. Liq. 2</td>
<td>H225</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>H319</td>
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<table>
<thead>
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<td>Flam. Gas 1</td>
<td>H220</td>
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<tr>
<td>Press. Gas, Liquefied</td>
<td>H280</td>
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<tr>
<td>Simple Asphyxiant</td>
<td>USH03</td>
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<table>
<thead>
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</table>

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/ doctor if you feel unwell.

Ingestion
Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin Contact
Skin irritation should not occur when used as recommended. Get medical attention if irritation persists after washing.

Eye contact
Remove any contact lenses and open eyelids wide apart. Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.
Alcare Plus® Foamed Antiseptic Handrub

Most important symptoms and effects, both acute and delayed
Inhalation May cause respiratory system irritation.
Ingestion Harmful if swallowed.
Skin contact Not applicable.
Eye contact Irritation of eyes and mucous membranes.

Indication of immediate medical attention and special treatment needed
Notes for the doctor No specific recommendations.

5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture
Flammability Class 6.0 Flammable Gas Liq/Gasous.
Specific hazards May form explosive mixture with air at very high concentration.
Hazardous combustion products During fire, toxic gases (CO, CO2) are formed.

Advice for firefighters
Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents. Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Personal precautions No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Take precautionary measures against static discharges.
For non-emergency personnel Wear protective clothing. Wear protective gloves. Evacuate area.
For emergency responders Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents. Evacuate area.

Environmental precautions
Environmental precautions Not considered to be a significant hazard due to the small quantities used. Avoid the spillage or runoff entering drains, sewers or watercourses.

Methods and material for containment and cleaning up
Methods for cleaning up Do not discharge into drains or watercourses or onto the ground. Avoid contamination of ponds or watercourses with washing down water. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Use only non-sparking tools.

Reference to other sections For waste disposal, see Section 13.
Alcare  Plus® Foamed Antiseptic Handrub

7. Handling and storage

Precautions for safe handling
Usage precautions Avoid contact with eyes.

Conditions for safe storage, Including any incompatibilities
Storage precautions Store at room temperature.
Storage class Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Specific end uses(s)
The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Control parameters
Occupational exposure limits
ETHANOL
Long-term exposure limit (8-hour TWA): OSHA 1000 ppm 1900 mg/m³

ISOBUTANE
Short-term exposure limit (15-minute): ACGIH 1000 ppm 2370 mg/m³
OSHA = Occupational Safety and Health Administration.
ACGIH = American Conference of Governmental Industrial Hygienists.

Exposure controls
Protective equipment

Appropriate engineering controls
Provide eyewash station and safety shower.

Personal protection
Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

Eye/face protection
Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

Hand protection
Hand protection not required.

Respiratory protection
Not relevant.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance Aerosol.
Color White.
Odor Slight alcoholic.
Odor threshold Not determined.
pH No information available.
Melting point Not determined.
Initial boiling point and range Not determined.
Alcare Plus® Foamed Antiseptic Handrub

Flash point
No information available.

Evaporation rate
Not determined.

Evaporation factor
No information available.

Upper/lower flammability or explosive limits
No information available.

Vapor pressure
Not determined.

Vapor density
Not determined.

Relative density
No information available.

Solubility(ies)
Soluble in water.

Partition coefficient
Data lacking.

Auto-ignition temperature
Scientifically unjustified.

Decomposition Temperature
Not determined.

Viscosity
No information available.

Explosive properties
Scientifically unjustified.

Oxidizing properties
Does not meet the criteria for classification as oxidizing.

Other information
No information required.

10. Stability and reactivity

Reactivity
The following materials may react violently with the product: Strong oxidizing agents.

Stability
Stable at normal ambient temperatures. Highly flammable liquid and vapour. In use may form flammable/explosive vapor-air mixture.

Possibility of hazardous reactions
None known.

Conditions to avoid
Avoid exposure to high temperatures or direct sunlight. Stable at normal ambient temperatures.

Materials to avoid
Avoid contact with the following materials: Reducing agents. Strong acids. Strong alkalis. Strong oxidizing agents.

Hazardous decomposition products
Oxides of carbon.

11. Toxicological information

Information on toxicological effects

Respiratory Sensitisation
Based on available data the classification criteria are not met.

Eye Irritation/Damage
May cause temporary eye irritation

Acute toxicity - oral
Notes (oral LD₅₀)
Based on available data the classification criteria are not met.

Acute toxicity - dermal
Notes (dermal LD₅₀)
18.3 C/ 65.0 F Based on available data the classification criteria are not met.
Alcare Plus® Foamed Antiseptic Handrub

Acute toxicity - inhalation
Notes (Inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation
Serious eye damage/irritation Causes serious eye irritation.

Skin sensitization
Skin sensitization Based on available data the classification criteria are not met.

Germ cell mutagenicity
Genotoxicity - in vivo Based on available data the classification criteria are not met.

Carcinogenicity
Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity
Reproductive toxicity - development Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure
STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure No information available.

Aspiration hazard
Aspiration hazard Based on available data the classification criteria are not met.

Inhalation
No specific health hazards known.

Ingestion
May cause discomfort if swallowed.

Skin Contact
Skin irritation should not occur when used as recommended.

Eye contact
Irritating to eyes.

12. Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

Toxicity The product is not expected to be hazardous to the environment.

Persistence and degradability
Persistence and degradability No data available.

Bioaccumulative potential
Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient
Data lacking.

Mobility in soil
Mobility The product is soluble in water.

Other adverse effects
Other adverse effects Avoid release to the environment
### 13. Disposal considerations

**Waste treatment methods**

**General information**  
When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods**  
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. No specific disposal method required. Reuse or recycle products wherever possible.

### 14. Transport information

**UN Number**

- UN No. (TDG) 1950
- UN No. (IMDG) 1950
- UN No. (ICAO) 1950

**UN proper shipping name**

- Proper shipping name (TDG) AEROSOLS
- Proper shipping name (IMDG) AEROSOLS
- Proper shipping name (ICAO) AEROSOLS

**Transport hazard class(es)**

- TDG class 2.1
- TDG label(s) 2.1
- IMDG Class 2.1
- ICAO class/division 2.1

**Transport labels**

- Packing group
  - TDG Packing Group None
  - IMDG packing group None
  - ICAO packing group None

**Environmental hazards**

- Environmentally Hazardous Substance No.

**Special precautions for user**

- EmS F-D, S-U

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- Not applicable.
Alcare® Plus® Foamed Antiseptic Handrub

**Regulatory Status**

This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard. All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.

<table>
<thead>
<tr>
<th>16. Other Information</th>
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</thead>
<tbody>
<tr>
<td><strong>General information</strong></td>
</tr>
<tr>
<td><strong>Revision comments</strong></td>
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<tr>
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<td><strong>Supersedes date</strong></td>
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<td><strong>SDS No.</strong></td>
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| **Hazard statements in full** | H220 Extremely flammable gas.  
H223 Flammable aerosol.  
H225 Highly flammable liquid and vapor.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
USH03 May displace oxygen and cause rapid suffocation |
| **NFPA - health hazard** | Irritation, minor residual injury. (1) |
| **NFPA - flammability hazard** | Extremely flammable. (4) |
| **NFPA - instability hazard** | Normally stable. (0) |
| **Notes For Risk Phrases And Hazard Statements In Full** | The full text for Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification. |