



## 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.

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<b>Precautionary statements</b>	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.
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### Other hazards

None.

### 3. Composition/information on ingredients

#### Mixtures

<b>ETHANOL</b>	30-60%
CAS number: 64-17-5	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2A - H319	
<b>ISOBUTANE</b>	1-5%
CAS number: 75-28-5	
<b>Classification</b>	
Flam. Gas 1 - H220	
Press. Gas, Liquefied - H280	
Simple Asphyxiant - USH03	
<b>1,1-DIFLUOROETHANE</b>	1-5%
CAS number: 75-37-6	
<b>Classification</b>	
Flam. Gas 1 - H220	
Press. Gas, Liquefied - H280	
Simple Asphyxiant - USH03	

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

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/ doctor if you feel unwell.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Skin irritation should not occur when used as recommended. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	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.

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### Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	May cause respiratory system irritation.
<b>Ingestion</b>	Harmful if swallowed.
<b>Skin contact</b>	Not applicable.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.

### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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### **5. Fire-fighting measures**

#### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
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<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
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#### Special hazards arising from the substance or mixture

<b>Flammability Class</b>	6.0 Flammable Gas Liq/Gasous.
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<b>Specific hazards</b>	May form explosive mixture with air at very high concentration.
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<b>Hazardous combustion products</b>	During fire, toxic gases (CO, CO <sub>2</sub> ) are formed.
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#### Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
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<b>Special protective equipment for firefighters</b>	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.
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### **6. Accidental release measures**

#### Personal precautions, protective equipment and emergency procedures

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

<b>Environmental precautions</b>	Not considered to be a significant hazard due to the small quantities used. Avoid the spillage or runoff entering drains, sewers or watercourses.
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#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	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.
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<b>Reference to other sections</b>	For waste disposal, see Section 13.
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## 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)

**Specific end use(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/m<sup>3</sup>

##### **ISOBUTANE**

Short-term exposure limit (15-minute): ACGIH 1000 ppm 2370 mg/m<sup>3</sup>

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.

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<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Relative density</b>	No information available.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Data lacking.
<b>Auto-ignition temperature</b>	Scientifically unjustified.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Scientifically unjustified.
<b>Oxidizing properties</b>	Does not meet the criteria for classification as oxidizing.
<b>Other information</b>	No information required.

### 10. Stability and reactivity

<b>Reactivity</b>	The following materials may react violently with the product: Strong oxidizing agents.
<b>Stability</b>	Stable at normal ambient temperatures. Highly flammable liquid and vapour. In use may form flammable/explosive vapor-air mixture.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight. Stable at normal ambient temperatures.
<b>Materials to avoid</b>	Avoid contact with the following materials: Reducing agents. Strong acids. Strong alkalis. Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Oxides of carbon.

### 11. Toxicological information

#### Information on toxicological effects

<b>Respiratory Sensitisation</b>	Based on available data the classification criteria are not met.
<b>Eye Irritation/Damage</b>	May cause temporary eye irritation
<b>Acute toxicity - oral</b>	
<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity - dermal</b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	18.3 C/ 65.0 F Based on available data the classification criteria are not met.

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### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** 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

## Alcare Plus® Foamed Antiseptic Handrub

### 13. Disposal considerations

#### Waste treatment methods

<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered.
<b>Disposal methods</b>	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** Not applicable.

**Annex II of MARPOL 73/78**  
**and the IBC Code**

### 15. Regulatory information

## 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.

### 16. Other information

<b>General information</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Revision comments</b>	This is first issue.
<b>Revision date</b>	2/16/2018
<b>Revision</b>	5
<b>Supersedes date</b>	1/30/2018
<b>SDS No.</b>	21529
<b>Hazard statements in full</b>	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
<b>NFPA - health hazard</b>	Irritation, minor residual injury. (1)
<b>NFPA - flammability hazard</b>	Extremely flammable. (4)
<b>NFPA - instability hazard</b>	Normally stable. (0)
<b>Notes For Risk Phrases And Hazard Statements In Full</b>	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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.