



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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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

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

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.

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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.
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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, CO ₂) 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.
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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.

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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/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.

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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
<u>Acute toxicity - oral</u>	
Notes (oral LD ₅₀)	Based on available data the classification criteria are not met.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD ₅₀)	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 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

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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.

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

General information	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Revision comments	This is first issue.
Revision date	2/16/2018
Revision	5
Supersedes date	1/30/2018
SDS No.	21529
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.

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.