SAFETY DATA SHEET
Deb Instant Foam

1. Identification

Product identifier
Product name: Deb Instant Foam
Product number: IFS50ML-US, IFS400ML-US, IFS1L-US, IFS1LTF-US
Internal identification: AFS70

Recommended use of the chemical and restrictions on use
Application: Hand Sanitiser

Details of the supplier of the safety data sheet
Supplier: Deb USA, Inc.
2815 Coliseum Centre Dr., Suite 600 Charlotte, NC 28217
Tel:+1 (0) 704 263 4240
customer.service@debgroup.com
Manufacturer: DEB Worldwide Healthcare Inc
76 Adams Boulevard
Brantford
Ontario
N3S 7V2
Telephone: 519-759-1051
Fax: 519-759-6384

Emergency telephone number
Emergency telephone: Chemtrec 800 424 9300 (24 hour)

2. Hazard(s) identification

Classification of the substance or mixture
Physical hazards: Flam. Liq. 3 - H226
Health hazards: Eye Irrit. 2A - H319
Environmental hazards: Not Classified

Physicochemical
The product is flammable. Vapors may form explosive mixtures with air.

Label elements

Pictogram

Signal word: Warning
Hazard statements: H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.
Deb Instant Foam

Precautionary statements

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P233 Keep container tightly closed.
P264 Wash contaminated skin thoroughly after handling.
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 foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/ container in accordance with national regulations.

Other hazards

None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>ETHANOL</th>
<th>60-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number:</td>
<td>64-17-5</td>
</tr>
</tbody>
</table>

Classification

Flam. Liq. 2 - H225
Eye Irrit. 2A - H319

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

Composition comments

Alcohol, Water, Bis-PEG 12 Dimethicone, Coco-Glucoside, Glyceryl Oleate, PEG-200 Hydrogenated Glyceryl Palmate. PEG-7 Glyceryl Cocoate, Behentrimonium Chloride, Dihydroxypropyl PEG-5 Linoleammonium Chloride

4. First-aid measures

Description of first aid measures

General information

Get medical attention if any discomfort continues.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

DO NOT induce vomiting. Get medical attention immediately.

Skin Contact

Remove contaminated clothing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

Most important symptoms and effects, both acute and delayed

Inhalation

No specific symptoms known.

Ingestion

May cause nausea, headache, dizziness and intoxication.

Skin contact

None known.

Eye contact

May cause severe eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor

No specific recommendations.

5. Fire-fighting measures

Extinguishing media
### Deb Instant Foam

**Suitable extinguishing media**
Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

**Special hazards arising from the substance or mixture**

<table>
<thead>
<tr>
<th>Specific hazards</th>
<th>Hazardous combustion products</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAMMABLE. Forms explosive mixtures with air.</td>
<td>Oxides of carbon.</td>
</tr>
</tbody>
</table>

**Advice for firefighters**

**Protective actions during firefighting**
Fight fire from safe distance or protected location. Containers close to fire should be removed or cooled with water.

### 6. Accidental release measures

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

**Personal precautions**
Take precautionary measures against static discharges. No smoking, sparks, flames or other sources of ignition near spillage. Wear suitable protective clothing as protection against splashing or contamination. Avoid inhalation of vapors and contact with eyes.

**Environmental precautions**
Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

#### Methods and material for containment and cleaning up

**Methods for cleaning up**
Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wash thoroughly after dealing with a spillage. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

#### Reference to other sections
For personal protection, see Section 8.

### 7. Handling and storage

**Precautions for safe handling**
Keep away from heat, sparks and open flame. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities**

**Storage precautions**
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

**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

**PROPAN-2-OL**
Long-term exposure limit (8-hour TWA): OSHA 400 ppm 980 mg/m³

OSHA = Occupational Safety and Health Administration.

**ETHANOL (CAS: 64-17-5)**
Deb Instant Foam

Immediate danger to life 3300 ppm
and health

PROPAN-2-OL (CAS: 67-63-0)

Immediate danger to life 2000 ppm
and health

Exposure controls

Protective equipment

Appropriate engineering Not relevant.
controls

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 Not applicable.

Hygiene measures DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

Respiratory protection Not relevant.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance Clear liquid.
Color Colorless.
Odor Characteristic.
Relative density 0.858 - 0.866 g/mL @ 25°C
Other information None.

10. Stability and reactivity

Reactivity There are no known reactivity hazards associated with this product.
Stability No particular stability concerns.
Possibility of hazardous reactions Not known.

Conditions to avoid Avoid heat, flames and other sources of ignition.

Materials to avoid Strong oxidizing agents.

Hazardous decomposition Oxides of carbon.
products

11. Toxicological Information

Information on toxicological effects
Deb Instant Foam

Toxicological effects
No data recorded.

General information
No specific health hazards known.

Inhalation
No specific health hazards known.

Ingestion
May cause nausea, headache, dizziness and intoxication.

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

Eye contact
Causes eye irritation

12. Ecological Information

Ecotoxicity
The product is not expected to be toxic to aquatic organisms.

Persistence and degradability
The product is biodegradable.

Bioaccumulative potential
The product is not bioaccumulating.

Mobility in soil
The product is soluble in water.

Other adverse effects
None known.

13. Disposal considerations

Waste treatment methods
When handling waste, the safety precautions applying to handling of the product should be considered. Wear suitable protective clothing as protection against splashing or contamination.

Disposal methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number
UN No. (TDG) 1987
UN No. (IMDG) 1987
UN No. (ICAO) 1987
UN No. (DOT) 1987

UN proper shipping name
Proper shipping name (TDG) ALCOHOLS, N.O.S.
Proper shipping name (IMDG) ALCOHOLS, N.O.S.
Proper shipping name (ICAO) ALCOHOLS, N.O.S.
Proper shipping name (DOT) ALCOHOLS, N.O.S.

Transport hazard class(es)
TDG class 3
Deb Instant Foam

TDG label(s)  3
IMDG Class  3
ICAO class/division  3

Transport labels

Packing group
TDG Packing Group  II
IMDG packing group  II
ICAO packing group  II
DOT packing group  II

Environmental hazards
Environmentally Hazardous Substance
No.

Special precautions for user
EmS  F-E, S-D

Transport in bulk according to
Annex II of MARPOL 73/78
and the IBC Code  Not applicable.

15. Regulatory information

Regulatory References  This product is exempt from WHMIS labelling requirements as it is regulated under other federal legislation (ie. Health Canada). This product is manufactured and labeled in compliance with the Canadian Food and Drug Regulations. Product is classified in accordance with the hazard criteria of CPR. This product is manufactured and labeled in compliance with the Cosmetic Program under Health Canada and is actually exempt from WHMIS Regulation.

16. Other information

Revision comments  New SDS Software
Revision date  7/24/2017
Revision  7
Supersedes date  3/28/2017
SDS No.  11446

Hazard statements in full  H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.

Signature  Deb Worldwide Healthcare Inc.

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.
Deb Instant Foam

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.