SAFETY DATA SHEET
Deb InstantFOAM

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, February 2016).

SECTION 1: Identification: Product identifier and chemical identity

Product name: Deb InstantFOAM
Product No.: IFS50ML-AUS, IFS250ML-AUS, IFS400ML-AUS, IFS1L-AUS, IFS1LTF-AUS

Relevant identified uses of the substance or mixture and uses advised against
Application: Hand Sanitiser. For full details regarding recommended uses please refer to the product label.

Details of the supplier of the safety data sheet
Supplier: DEB Australia Pty Ltd
Unit 1
1 Secombe Place
Moorebank
NSW 2170
Australia
(61 2) 8763 1800
(61 2) 8763 1899
sales@deb.com.au

Manufacturer: DEB Worldwide Healthcare Inc
76 Adams Boulevard
Brantford
Ontario
N3S 7V2
Telephone: 519-7591051
Fax: 519-759-6384

Emergency telephone number
Emergency telephone: NSW Poisons Information Centre Contact 131126  New Zealand call 0800 764 766

SECTION 2: Hazard(s) identification

Classification of the substance or mixture
Physical hazards: Flam. Liq. 2 - H225
Health hazards: Eye Dam. 1 - H318
Environmental hazards: Not Classified

Label elements
Signal word: Danger
Deb InstantFOAM

**Hazard statements**
H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage.

**Precautionary statements**
P210 Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking.
P233 Keep container tightly closed.
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 for extinction.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/ container in accordance with national regulations.

**Supplemental label information**
Eye 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.

**Contains**
PROPAN-1-OL

**Other hazards**
This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition and information on ingredients

<table>
<thead>
<tr>
<th>Mixtures</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>60-100%</td>
</tr>
<tr>
<td>CAS number: 64-17-5</td>
<td></td>
</tr>
</tbody>
</table>
| Classification    | Flam. Liq. 2 - H225  
                    | Eye Irrit. 2A - H319 |
| PROPAN-1-OL       | 10-30%  |
| CAS number: 71-23-8 |
| Classification    | Flam. Liq. 2 - H225  
                    | Eye Dam. 1 - H318   
                    | STOT SE 3 - H336    |
| PROPAN-2-OL       | <1%    |
| CAS number: 67-63-0 |
| Classification    | Flam. Liq. 2 - H225  
                    | Eye Irrit. 2A - H319 |
                    | STOT SE 3 - H336    |

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

INCI
Alcohol Denat.
Aqua
Propyl Alcohol
Bis-PEG 12 Dimethicone
Coco-Glucoside
Glyceryl Oleate
PEG-200 Hydrogenated Glycerin Palmate
PEG-7 Glycerin Cocoate
Behentrimonium Chloride
Dihydroxypropyl PEG-5 Linoleammonium Chloride
Isopropyl Alcohol

SECTION 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
Not relevant.

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 any immediate medical attention and special treatment needed

Notes for the doctor
No specific recommendations.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media
Extinguish with the following media: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

Special hazards arising from the substance or mixture

Specific hazards
Highly flammable liquid and vapour. May form explosive mixture with air at very high concentration.

Hazardous combustion products
Oxides of carbon.

Advice for firefighters

Protective actions during firefighting
Fight fire from safe distance or protected location.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Hazchem Code
•3YE
Deb InstantFOAM

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear protective clothing as described in Section 8 of this safety data sheet.

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. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

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

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling
Usage precautions
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.

Storage class
Flammable liquid storage.

Specific end use(s)

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

SECTION 8: Exposure controls and personal protection

Control parameters
Occupational exposure limits

ETHANOL
Long-term exposure limit (8-hour TWA): 1000 ppm  1880 mg/m³

PROPAN-1-OL
Long-term exposure limit (8-hour TWA): 200 ppm  492 mg/m³
Short-term exposure limit (15-minute): 250 ppm  614 mg/m³
Sk

PROPAN-2-OL
Long-term exposure limit (8-hour TWA): 400 ppm  983 mg/m³
Short-term exposure limit (15-minute): 500 ppm  1230 mg/m³
Sk = Absorption through the skin may be a significant source of exposure.

Ingredient comments
WEL = Workplace Exposure Limits

Exposure controls

Protective equipment
Deb InstantFOAM

<table>
<thead>
<tr>
<th>Appropriate engineering controls</th>
<th>Not relevant.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/face protection</td>
<td>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.</td>
</tr>
<tr>
<td>Hand protection</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Not relevant.</td>
</tr>
</tbody>
</table>

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Alcoholic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>pH (concentrated solution): 5.0-7.5</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>78.6 @ 97.8 kPA°C @</td>
</tr>
<tr>
<td>Flash point</td>
<td>20 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability Limit - Lower(%)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>5649 Pa @ °C</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.845-0.854 g/ml @ 25 Deg °C</td>
</tr>
<tr>
<td>Solubility Value (g/100g H2O 20°C)</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>475 °C</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not determined</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Does not meet the criteria for classification as oxidising.</td>
</tr>
<tr>
<td>Other information</td>
<td>None.</td>
</tr>
</tbody>
</table>

**SECTION 10: Stability and reactivity**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>There are no known reactivity hazards associated with this product.</td>
</tr>
<tr>
<td>Stability</td>
<td>No particular stability concerns.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Not known.</td>
</tr>
</tbody>
</table>
Deb InstantFOAM

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

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous decomposition products
Oxides of carbon.

SECTION 11: Toxicological information

Information on toxicological effects

Respiratory Sensitisation

Eye Irritation/Damage

Skin Sensitisation

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

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

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

Skin corrosion/irritation

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

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

Genotoxicity - in vivo
Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity
Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - development
Does not contain any substances known to be toxic to reproduction.

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.

General information
No specific health hazards known.

Inhalation
No specific health hazards known.

Ingestion
May cause nausea, headache, dizziness and intoxication.
Deb InstantFOAM

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

Eye Contact
Irritating to eyes. Symptoms following overexposure may include the following: Redness, Pain.

ETHANOL

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg) 10,470.0
Species Rat
ATE oral (mg/kg) 10,470.0

Acute toxicity - dermal
Acute toxicity dermal (LD₅₀ mg/kg) 20,000.0
Species Rabbit

Acute toxicity - inhalation
Acute toxicity inhalation (LC₅₀ vapours mg/l) 117.0
Species Rat
ATE inhalation (vapours mg/l) 117.0

Skin corrosion/irritation
Animal data Oedema score: Very slight oedema - barely perceptible (1).

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

PROPA-1-OL

Acute toxicity - oral
Notes (oral LD₅₀) LD₅₀ >2000 mg/Kg Rat

Acute toxicity - dermal
Acute toxicity dermal (LD₅₀ mg/kg) 4,000.0
Species Rabbit

Acute toxicity - inhalation
Notes (inhalation LC₅₀) LC₅₀ >20mg/L 4h Rat

Skin corrosion/irritation
Animal data Erythema/eschar score: No erythema (0). Oedema score: No oedema (0).

Serious eye damage/irritation
Serious eye damage/irritation H318

SECTION 12: Ecological Information
Deb InstantFOAM

Toxicity

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

**ETHANOL**

<table>
<thead>
<tr>
<th>Acute toxicity - fish</th>
<th>LC50, 96 hours: 15300 mg/l, Pimephales promelas (Fat-head Minnow)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LC50, 96 hours: mg/l, Algae</td>
</tr>
<tr>
<td>Acute toxicity - aquatic</td>
<td>EC₅₀, &gt; 48 hours: 10000 mg/l, Daphnia magna</td>
</tr>
<tr>
<td>invertebrates</td>
<td>EC₅₀, 48 hours: mg/l, Daphnia magna</td>
</tr>
<tr>
<td></td>
<td>EC₅₀, &lt; 24H mg/l, Marinewater invertebrates</td>
</tr>
<tr>
<td>Acute toxicity - aquatic</td>
<td>EC₅₀, 72 hours: 275 mg/l, Freshwater algae</td>
</tr>
<tr>
<td>plants</td>
<td>IC₅₀, 72 hours: 5000 mg/l, Fish</td>
</tr>
</tbody>
</table>

**PROPAN-1-OL**

| Acute toxicity - fish          | LC₅₀, 96 hours: 4480 mg/l, Algae                                   |
| Acute toxicity - aquatic       | EC₅₀, 48 hours: 3644 mg/l, Daphnia magna                           |
| invertebrates                 |                                                                       |
| Acute toxicity - aquatic       | EC₅₀, 192 hours: 3100 mg/l, Freshwater algae                       |
| plants                        | IC₅₀, 3 hour: >1000 mg/l, Activated sludge                         |

**Persistence and degradability**

Persistence and degradability

The product is expected to be biodegradable.

Bioaccumulative potential

Bioaccumulative Potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

Mobility

The product is soluble in water.

Other adverse effects

None known.

SECTION 13: Disposal considerations

**Waste treatment methods**

General information

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

Disposal methods

Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

**General**

No other information known.

**UN number**

UN No. (ADG) 1987

UN No. (IMDG) 1987
Deb InstantFOAM

UN No. (ICAO) 1987

UN proper shipping name

Proper shipping name (ADG) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)
Proper shipping name (IMDG) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)
Proper shipping name (ICAO) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-1-OL)

Transport hazard class(es)

ADG class 3
ADG label 3
IMDG class 3
ICAO class/division 3

Transport labels

Packing group

ADG packing group II
IMDG packing group II
ICAO packing group II

Environmental hazards

Environmentally hazardous substance/marine pollutant No.

Special precautions for user

EmS F-E, S-D
Hazchem Code •3YE

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

SECTION 15: Regulatory information

SECTION 16: Any other relevant information

General information Use biocides safely. Always read the label and product information before use.

Key literature references and sources for data Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.

Revision comments New SDS Software
Revision date 13/12/2016
Revision 1
SDS No. 21383
Deb InstantFOAM

Hazard statements in full
H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Notes for Risk Phrases and Hazard Statements in Full
The full text for Risk Phrases and 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.