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).

<table>
<thead>
<tr>
<th>SECTION 1: Identification: Product identifier and chemical identity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Identifier</strong></td>
</tr>
<tr>
<td><strong>Product name</strong></td>
</tr>
<tr>
<td><strong>Product No.</strong></td>
</tr>
<tr>
<td><strong>Relevant identified uses of the substance or mixture and uses advised against</strong></td>
</tr>
<tr>
<td><strong>Application</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Details of the supplier of the safety data sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Supplier</strong></td>
</tr>
<tr>
<td>DEB Australia Pty Ltd</td>
</tr>
<tr>
<td>Unit 1</td>
</tr>
<tr>
<td>1 Secombe Place</td>
</tr>
<tr>
<td>Moorebank</td>
</tr>
<tr>
<td>NSW 2170</td>
</tr>
<tr>
<td>Australia</td>
</tr>
<tr>
<td>(61 2) 8763 1800</td>
</tr>
<tr>
<td>(61 2) 8763 1899</td>
</tr>
<tr>
<td><a href="mailto:sales@deb.com.au">sales@deb.com.au</a></td>
</tr>
<tr>
<td><strong>Manufacturer</strong></td>
</tr>
<tr>
<td>DEB Worldwide Healthcare Inc</td>
</tr>
<tr>
<td>76 Adams Boulevard</td>
</tr>
<tr>
<td>Brantford</td>
</tr>
<tr>
<td>Ontario</td>
</tr>
<tr>
<td>N3S 7V2</td>
</tr>
<tr>
<td>Telephone: 519-7591051</td>
</tr>
<tr>
<td>Fax: 519-759-6384</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emergency telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emergency telephone</strong></td>
</tr>
<tr>
<td>NSW Poisons Information Centre Contact 131126</td>
</tr>
<tr>
<td>New Zealand call 0800 764 766</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 2: Hazard(s) identification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Classification of the substance or mixture</strong></td>
</tr>
<tr>
<td><strong>Physical hazards</strong></td>
</tr>
<tr>
<td><strong>Health hazards</strong></td>
</tr>
<tr>
<td><strong>Environmental hazards</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Label elements</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Signal word</strong></td>
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</tbody>
</table>
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>CAS number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>64-17-5</td>
<td>60-100%</td>
</tr>
<tr>
<td>Classification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flam. Liq. 2</td>
<td>H225</td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>H319</td>
<td></td>
</tr>
</tbody>
</table>

| PROPA-1-OL        | 71-23-8    | 10-30%     |
| Classification    |            |            |
| Flam. Liq. 2      | H225       |            |
| Eye Dam. 1        | H318       |            |
| STOT SE 3         | H336       |            |

| PROPA-2-OL        | 67-63-0    | <1%        |
| 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 Glycerol Palmitate
PEG-7 Glycerol 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
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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

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

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
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Appropriate engineering controls
Not relevant.

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 relevant.

Respiratory protection
Not relevant.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance
Clear liquid.

Colour
Colourless.

Odour
Alcoholic.

Odour threshold
Not determined.

pH
pH (concentrated solution): 5.0-7.5

Melting point
Not determined.

Initial boiling point and range
78.6 @ 97.8 kPA°C @ 97.8 C°C

Flash point
20 C°C

Evaporation rate
Not determined.

Flammability Limit - Lower(%)
Not determined.

Vapour pressure
5649 Pa @ °C

Vapour density
Not determined.

Relative density
0.845-0.854 g/ml @ 25 Deg C°C

Solubility Value (g/100g H2O 20°C)
Soluble in water.

Partition coefficient
Not determined.

Auto-ignition temperature
475 C°C

Decomposition Temperature
Not determined.

Viscosity
Not determined.

Explosive properties
Not determined.

Oxidising properties
Does not meet the criteria for classification as oxidising.

Other information
None.

SECTION 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.
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**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**

<table>
<thead>
<tr>
<th>Information on toxicological effects</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Respiratory Sensitisation</strong></td>
<td></td>
</tr>
<tr>
<td>Eye Irritation/Damage</td>
<td></td>
</tr>
<tr>
<td>Skin Sensitisation</td>
<td></td>
</tr>
<tr>
<td><strong>Acute toxicity - oral</strong></td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Notes (oral LD₅₀)</td>
<td></td>
</tr>
<tr>
<td><strong>Acute toxicity - dermal</strong></td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Notes (dermal LD₅₀)</td>
<td></td>
</tr>
<tr>
<td><strong>Acute toxicity - inhalation</strong></td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Notes (inhalation LC₅₀)</td>
<td></td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Animal data</td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory sensitisation</strong></td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skin sensitisation</strong></td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>Does not contain any substances known to be mutagenic.</td>
</tr>
<tr>
<td>Genotoxicity - in vivo</td>
<td></td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td>Does not contain any substances known to be carcinogenic.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td>Does not contain any substances known to be toxic to reproduction.</td>
</tr>
<tr>
<td>Reproductive toxicity - development</td>
<td></td>
</tr>
<tr>
<td><strong>Specific target organ toxicity - single exposure</strong></td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td></td>
</tr>
<tr>
<td><strong>Specific target organ toxicity - repeated exposure</strong></td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td></td>
</tr>
<tr>
<td><strong>Aspiration hazard</strong></td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td></td>
</tr>
<tr>
<td><strong>General information</strong></td>
<td>No specific health hazards known.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No specific health hazards known.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause nausea, headache, dizziness and intoxication.</td>
</tr>
</tbody>
</table>
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**Skin Contact**
Skın 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 (LD_{50} mg/kg) 10,470.0
- Species Rat
- ATE oral (mg/kg) 10,470.0

**Acute toxicity - dermal**
- Acute toxicity dermal (LD_{50} mg/kg) 20,000.0
- Species Rabbit

**Acute toxicity - inhalation**
- Acute toxicity inhalation (LC_{50} 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 Based on available data the classification criteria are not met.

### PROPAN-1-OL

**Acute toxicity - oral**
- Notes (oral LD_{50}) LD50 >2000 mg/Kg Rat

**Acute toxicity - dermal**
- Acute toxicity dermal (LD_{50} mg/kg) 4,000.0
- Species Rabbit

**Acute toxicity - inhalation**
- Notes (inhalation LC_{50}) 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
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**Toxicity**

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

**ETHANOL**

**Acute toxicity - fish**

LC₅₀, 96 hours: 15300 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates**

EC₅₀, > 48 hours: 10000 mg/l, Daphnia magna

EC₅₀, 48 hours: mg/l, Daphnia magna

EC₅₀, > 858 24H mg/l, Marinewater invertebrates

**Acute toxicity - aquatic plants**

EC₅₀, 72 hours: 275 mg/l, Freshwater algae

IC₅₀, 72 hours: 5000 mg/l, Fish

**PROPYAN-1-OL**

**Acute toxicity - fish**

LC₅₀, 96 hours: 4480 mg/l, Algae

**Acute toxicity - aquatic invertebrates**

EC₅₀, 48 hours: 3644 mg/l, Daphnia magna

**Acute toxicity - aquatic plants**

EC₅₀, 192 hours: 3100 mg/l, Freshwater algae

**Acute toxicity - microorganisms**

IC₅₀, 3 hour: >1000 mg/l, Activated sludge

**Persistence and degradability**

The product is expected to be biodegradable.

**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.