



## 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 identifier

**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

<b>Hazard statements</b>	H225 Highly flammable liquid and vapour. H318 Causes serious eye damage.
<b>Precautionary statements</b>	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.
<b>Supplemental label information</b>	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.
<b>Contains</b>	PROPAN-1-OL

### Other hazards

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

### SECTION 3: Composition and information on ingredients

#### Mixtures

<b>ETHANOL</b>	<b>60-100%</b>
CAS number: 64-17-5	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2A - H319	
<b>PROPAN-1-OL</b>	<b>10-30%</b>
CAS number: 71-23-8	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Dam. 1 - H318 STOT SE 3 - H336	
<b>PROPAN-2-OL</b>	<b>&lt;1%</b>
CAS number: 67-63-0	
<b>Classification</b> 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

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

### SECTION 4: First aid measures

#### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately.
<b>Skin Contact</b>	Not relevant.
<b>Eye contact</b>	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

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication.
<b>Skin contact</b>	None known.
<b>Eye contact</b>	May cause severe eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
-----------------------------	------------------------------

### SECTION 5: Firefighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	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

<b>Specific hazards</b>	Highly flammable liquid and vapour. May form explosive mixture with air at very high concentration.
<b>Hazardous combustion products</b>	Oxides of carbon.

#### Advice for firefighters

<b>Protective actions during firefighting</b>	Fight fire from safe distance or protected location.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
<b>Hazchem Code</b>	•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

**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/m<sup>3</sup>

##### **PROPAN-1-OL**

Long-term exposure limit (8-hour TWA): 200 ppm 492 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 250 ppm 614 mg/m<sup>3</sup>

Sk

##### **PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): 400 ppm 983 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 500 ppm 1230 mg/m<sup>3</sup>

Sk = Absorption through the skin may be a significant source of exposure.

**Ingredient comments**       WEL = Workplace Exposure Limits

#### Exposure controls

#### Protective equipment



## Deb InstantFOAM

<b>Appropriate engineering controls</b>	Not relevant.
<b>Eye/face protection</b>	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.
<b>Hand protection</b>	Not relevant.
<b>Respiratory protection</b>	Not relevant.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Alcoholic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 5.0-7.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	78.6 @ 97.8 kPa °C @
<b>Flash point</b>	20 °C
<b>Evaporation rate</b>	Not determined.
<b>Flammability Limit - Lower(%)</b>	Not determined.
<b>Vapour pressure</b>	5649 Pa @ °C
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	0.845-0.854 g/ml @ 25 Deg °C
<b>Solubility Value (g/100g H<sub>2</sub>O 20°C)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	475 °C
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.
<b>Other information</b>	None.

### SECTION 10: Stability and reactivity

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

## Deb InstantFOAM

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition products</b>	Oxides of carbon.

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### **Respiratory Sensitisation**

##### **Eye Irritation/Damage**

##### **Skin Sensitisation**

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

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

<b>Skin Contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

### ETHANOL

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 10,470.0

Species Rat

ATE oral (mg/kg) 10,470.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 20,000.0

Species Rabbit

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> 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.

### PROPAN-1-OL

#### Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD50 >2000 mg/Kg Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 4,000.0

Species Rabbit

#### Acute toxicity - inhalation

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

## Deb InstantFOAM

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

### ETHANOL

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 15300 mg/l, Pimephales promelas (Fat-head Minnow) LC <sub>50</sub> , 96 hours: mg/l, Algae
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , > 48 hours: 10000 mg/l, Daphnia magna EC <sub>50</sub> , 48 hours: mg/l, Daphnia magna EC <sub>50</sub> , : 858 24H mg/l, Marinewater invertebrates
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 275 mg/l, Freshwater algae IC <sub>50</sub> , 72 hours: 5000 mg/l, Fish

### PROPAN-1-OL

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 4480 mg/l, Algae
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 3644 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 192 hours: 3100 mg/l, Freshwater algae
<b>Acute toxicity - microorganisms</b>	IC <sub>50</sub> , 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 in soil

**Mobility** The product is soluble in water.

### Other adverse effects

**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

<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
<b>Notes for Risk Phrases and Hazard Statements in Full</b>	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.