



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

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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

Mixtures

ETHANOL	60-100%
CAS number: 64-17-5	
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.

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INCI	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
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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.
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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.
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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.
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Hazardous combustion products	Oxides of carbon.
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Advice for firefighters

Protective actions during firefighting	Fight fire from safe distance or protected location.
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Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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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 @
Flash point	20 °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
Solubility Value (g/100g H₂O 20°C)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	475 °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

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.

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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.

PROPAN-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

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

ETHANOL

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

PROPAN-1-OL

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

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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

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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.