SAFETY DATA SHEET
Deb Instant Foam Complete

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Deb Instant Foam Complete

Product number DIS1000ML,DIS250ML,DIS47ML,DIS400ML,2720EX,IFS250ML,IFS1000ML,IAF1000ML,IAF400ML,IAF250ML,IAF47ML,IFS47ML,2717,IFS1LTFEN,2719,2720,2718

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses PT1 Human Hygiene Biocidal Product

1.3. Details of the supplier of the safety data sheet

Supplier
Deb Ltd
Denby Hall Way
Denby
Derbyshire
DE5 8JZ
Main Tel. 01773 855100
Technical Tel 01773 855105
reach@deb.co.uk

Manufacturer
Deb Group Ltd
Denby Hall Way,
Denby,
Derbyshire,
UK,
DE5 8JZ
=44(0) 1773 855100
reach@deb.co.uk

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0844 8920111 National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) F;R11.

Human health Irritating to eyes.

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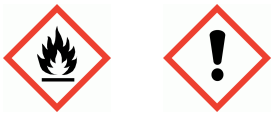
Environmental The product is not expected to be hazardous to the environment.

Physicochemical The product is flammable. Heating may generate flammable vapours.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.
P404 Store in a closed container.
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information BPR001 Use biocides safely. Always read the label and product information before use.

Supplementary precautionary statements
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash contaminated skin thoroughly after handling.
P280 Wear eye protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHANOL **80.0%**

CAS number: 64-17-5 EC number: 200-578-6 REACH registration number: 01-2119457610-43-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319	F;R11

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention if any discomfort continues.

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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.

4.2. 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.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.

SECTION 5: Firefighting measures

5.1. 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.

5.2. Special hazards arising from the substance or mixture

Specific hazards	The product is highly flammable.
Hazardous combustion products	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Oxides of carbon.

5.3. 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. 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.

6.3. 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.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid contact with eyes.

Advice on general occupational hygiene Do not smoke in work area.

7.2. 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.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

ETHANOL (CAS: 64-17-5)

DNEL
Professional - Inhalation; local effects: 1900 mg/m³
Professional - Dermal; Long term systemic effects: 343 mg/kg/day
Professional - Inhalation; Long term systemic effects: 950 mg/m³
Consumer - Inhalation; local effects: 950 mg/m³
Consumer - Dermal; Long term systemic effects: 206 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 114 mg/m³
Consumer - Oral; Long term systemic effects: 87 mg/kg/day

PNEC
- Marine water; 0.79 mg/l
- Fresh water; 0.96 mg/l
- Intermittent release; 2.75 mg/l
- STP; 580 mg/l
- Sediment (Freshwater); 3.46 mg/kg
- Sediment (Marinewater); 2.9 mg/l
- Soil; 0.63 mg/kg

COCOGLUCOSIDE (CAS: 68515-73-1)

DNEL
Workers - Inhalation; Long term systemic effects: 420 mg/m³
Workers - Dermal; Long term systemic effects: 595000 mg/kg/day
General population - Inhalation; Long term systemic effects: 124 mg/m³
General population - Dermal; Long term systemic effects: 357000 mg/kg/day
General population - Oral; Long term systemic effects: 35.7 mg/kg/day

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PNEC	- Fresh water; 0.176 mg/l - Marine water; 0.0176 mg/l - Intermittent release; 0.27 mg/l - STP; 560 mg/l - Sediment (Freshwater); 1.516 mg/kg - Sediment (Marinewater); 0.152 mg/kg - Soil; 0.654 mg/kg

8.2. Exposure controls

Protective equipment

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 applicable.
Hygiene measures	DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.
Respiratory protection	Not relevant.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Alcoholic.
Odour threshold	Not determined. Not determined.
pH	pH (concentrated solution): 5.0-7.5
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	15.5 C°C A.9
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not determined. : : Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	~ 0.844 @ 20°C
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.

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Viscosity	2.67 mPa s @ 20°C
Explosive properties	Not determined.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not known.

10.4. Conditions to avoid

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

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Hazardous decomposition products	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

Notes (dermal LD_{50})	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.

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

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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.

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.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. 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. Dispose of waste via a licensed waste disposal contractor.

SECTION 14: Transport information

14.1. UN number

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UN No. (ADR/RID)	1170
UN No. (IMDG)	1170
UN No. (ICAO)	1170
UN No. (ADN)	1170

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper shipping name (IMDG)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper shipping name (ICAO)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper shipping name (ADN)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels

14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ADN packing group	II
ICAO packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	2
Emergency Action Code	•2YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).
REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.

Water hazard classification

WGK 1

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other 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

This is first issue.

Revision date

01/06/2015

Revision

2

Supersedes date

01/06/2015

SDS number

20973

Risk phrases in full

R11 Highly flammable
R36 Irritating to eyes.
R41 Risk of serious damage to eyes.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

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.