

SAFETY DATA SHEET **Deb InstantFoam Hand Sanitiser**

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 InstantFoam Hand Sanitiser

Product number DIS01SP,DIS1000ML,DIS1LO6RS,DIS1LRS,DIS250ML,DIS47ML,DIF610EX,AF1000LSC,DI

S400ML,2720EX

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

Identified uses PT1 Human Hygiene Biocidal Product . For full details regarding recommended uses please

refer to the product label.

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

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

Health hazards

Physical hazards Flam. Lig. 2 - H225

Environmental hazards Not Classified

Classification (67/548/EEC or Xi;R41. F;R11.

1999/45/EC)

Eye Dam. 1 - H318

Human health Irritating to eyes.

Environmental The product does not meet the requirement for classification as an environmental hazard in

accordance with directive 1999/45/EEC

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

2.2. Label elements

Deb InstantFoam Hand Sanitiser

Pictogram





Signal word Danger

Hazard statements H225 Highly flammable liquid and vapour.

H318 Causes serious eye damage.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

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 to extinguish.

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.

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

Contains PROPAN-1-OL

statements

Supplementary precautionary P233 Keep container tightly closed.

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 65.0%

CAS number: 64-17-5 FC number: 200-578-6 REACH registration number: 01-

2119457610-43-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 2 - H225 F:R11

Eye Irrit. 2 - H319

PROPAN-1-OL 10.0%

CAS number: 71-23-8 EC number: 200-746-9 REACH registration number: 01-

2119486761-29-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

F;R11 Xi;R41 R67 Flam. Liq. 2 - H225

Eye Dam. 1 - H318 STOT SE 3 - H336

Deb InstantFoam Hand Sanitiser

PROPAN-2-OL <1%

CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-

2119457558-25-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 2 - H225 F;R11 Xi;R36 R67

Eye Irrit. 2 - H319 STOT SE 3 - H336

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

INCI Alcohol Denat.

Agua

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

4.1. 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 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 FLAMMABLE. Forms explosive mixtures with air.

Deb InstantFoam Hand Sanitiser

Hazardous combustion

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

products

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

7.1. Precautions for safe handling

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

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

PROPAN-1-OL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 500 mg/m³ Short-term exposure limit (15-minute): WEL 250 ppm 625 mg/m³ Sk

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³ Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

Deb InstantFoam Hand Sanitiser

Sk = Can be absorbed through the skin.

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/kgSediment (Marinewater); 2.9 mg/l

- Soil; 0.63 mg/kg

PROPAN-1-OL (CAS: 71-23-8)

DNEL Industry - Dermal; Long term systemic effects: 136 mg/kg/day

Industry - Inhalation; Long term systemic effects: 268 mg/m³ Industry - Inhalation; Short term systemic effects: 1723 mg/m³ Consumer - Dermal; Long term systemic effects: 81 mg/kg/day Consumer - Inhalation; Long term systemic effects: 80 mg/m³ Consumer - Inhalation; Short term systemic effects: 1036 mg/m³

Consumer - Oral; Long term systemic effects: 61 mg/m³

PNEC - Fresh water; 10 mg/l

- STP; 96 mg/l - Soil; 2.2 mg/kg

Sediment (Marinewater); 2.28 mg/kg
Sediment (Freshwater); 22.8 mg/kg
Intermittent release; 10 mg/l

- Marine water; 1 mg/l

C20-22-ALKYLTRIMETHYLAMMONIUM CHLORIDES (CAS: 68607-24-9)

DNEL Workers - Inhalation; Long term systemic effects: 0.49 mg/m³

Workers - Dermal; Long term systemic effects: 1.7 mg/kg/day

PNEC - Fresh water; 13 μ g/L

- Marine water; 1.3 μg/L- Intermittent release; 14 μg/L

- STP; 430 μg/L

Sediment (Freshwater); 1.25 mg/kg
Sediment (Marinewater); 125 μg/L

- Soil; 1 mg/kg

COCOGLUCOSIDE (CAS: 68515-73-1)

Deb InstantFoam Hand Sanitiser

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

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/kgSediment (Marinewater); 0.152 mg/kg

- Soil; 0.654 mg/kg

PROPAN-2-OL (CAS: 67-63-0)

DNEL Workers - Inhalation; Long term systemic effects: 500 mg/m³

Workers - Dermal; Short term systemic effects: 888 mg/kg/day

General population - Inhalation; Long term systemic effects: 89 mg/m³ General population - Dermal; Long term systemic effects: 319 mg/kg/day General population - Oral; Long term systemic effects: 26 mg/kg/day

PNEC - Fresh water; 140.9 mg/l

Marine water; 140.9 mg/lIntermittent release; 140.9 mg/l

- STP; 2251 mg/l

Sediment (Freshwater); 552 mg/kgSediment (Marinewater); 552 mg/kg

- Soil; 28 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 Hand protection not required.

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

Deb InstantFoam Hand Sanitiser

Melting point Not determined.

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

Flash point 20 C°C

Evaporation rate Not determined.

Upper/lower flammability or

explosive limits

Not determined. :: Not determined.

Vapour pressure 5649 Pa @ °C

Vapour density Not determined.

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

Solubility(ies) 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.

9.2. Other information

Other information None.

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

Not known.

reactions

products

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

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

Deb InstantFoam Hand Sanitiser

Notes (dermal LD₅₀) 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 vivoDoes 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.

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.

Toxicological information on ingredients.

ETHANOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 10,470.0

mg/kg)

Species Rat

ATE oral (mg/kg) 10,470.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 20,000.0

mg/kg)

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation 117.0

(LC₅₀ vapours mg/l)

Deb InstantFoam Hand Sanitiser

Species Rat

ATE inhalation (vapours

mg/l)

117.0

Skin corrosion/irritation

Animal data Oedema score: Very slight oedema -barely perceptible (1).

PROPAN-1-OL

Acute toxicity - oral

Notes (oral LD₅o) LD50 >2000 mg/Kg Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 4,000.0

mg/kg)

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

H318

damage/irritation

SECTION 12: Ecological Information

Ecotoxicity The product does not meet the requirement for classification as an environmental hazard in

accordance with directive 1999/45/EEC

12.1. Toxicity

Toxicity The product does not meet the requirement for classification as an environmental hazard in

accordance with directive 1999/45/EEC

Ecological information on ingredients.

ETHANOL

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

LC₅₀, 96 hours: mg/l, Fish

Acute toxicity - aquatic

invertebrates

 EC_{50} , 48 hours, > 48 hours: 10000 mg/l, Daphnia magna

EC₅o, : 858 24H mg/l, Marinewater invertebrates

EC₅₀, 48 hours: mg/l, Daphnia magna

Acute toxicity - aquatic

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

plants

IC₅₀, 72 hours: 5000 mg/l, Algae

PROPAN-1-OL

Acute toxicity - fish LC₅₀, 96 hours: 4480 mg/l, Fish

Deb InstantFoam Hand Sanitiser

Acute toxicity - aquatic

invertebrates

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

Acute toxicity - aquatic

plants

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

Acute toxicity - microorganisms

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

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 methodsReuse 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

General No other information known.

14.1. UN number

UN No. (ADR/RID) 1987 UN No. (IMDG) 1987 UN No. (ICAO) 1987

14.2. UN proper shipping name

Proper shipping name

(ADR/RID)

ALCOHOLS, N.O.S. (ETHANOL, PROPAN-2-OL)

Proper shipping name

(IMDG)

ALCOHOLS, N.O.S. (ETHANOL, PROPAN-2-OL)

Proper shipping name (ICAO) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-2-OL)

Deb InstantFoam Hand Sanitiser

Proper shipping name (ADN) ALCOHOLS, N.O.S. (ETHANOL, PROPAN-2-OL)

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-E, S-D

Emergency Action Code •3YE

Hazard Identification Number 33

(ADR/RID)

Tunnel restriction code (D/E)

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

Deb InstantFoam Hand Sanitiser

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 Revision of information

Revision date 12/05/2015

Revision 1

Supersedes date 10/03/2015

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.

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.