



**SAFETY DATA SHEET**  
**Deb InstantFoam Hand Sanitiser**

According to 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 No.** DIS01SP, DIS1000ML, DIS1LO6RS, DIS1LRS, DIS250ML, DIS47ML, DIF61OEX, AF1000LSC

**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**

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 (1999/45/EEC)** Xi;R41. F;R11.

**Human health**

Irritating to eyes.

**Environment**

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

**Physical and Chemical Hazards**

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

**2.2. Label elements**

**Labelling**



Irritant



Highly flammable

**Risk Phrases**

R41 Risk of serious damage to eyes.  
R11 Highly flammable

**Safety Phrases**

S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Deb InstantFoam Hand Sanitiser**

S46	If swallowed, seek medical advice immediately and show this container or label.
S2	Keep out of the reach of children.

**2.3. Other hazards**

This product does not contain any PBT or vPvB substances.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

<b>ETHANOL</b>	<b>65%</b>
<b>CAS-No.: 64-17-5</b>	<b>EC No.: 200-578-6</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11
<b>PROPAN-1-OL</b>	<b>10%</b>
<b>CAS-No.: 71-23-8</b>	<b>EC No.: 200-746-9</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Dam. 1 - H318 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R41 R67
<b>PROPAN-2-OL</b>	<b>&lt; 0.1%</b>
<b>CAS-No.: 67-63-0</b>	<b>EC No.: 200-661-7</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67

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

**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

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****General information**

Get medical attention if any discomfort continues.

**Inhalation**

General first aid, rest, warmth and fresh air.

## Deb InstantFoam Hand Sanitiser

### Ingestion

DO NOT induce vomiting. Get medical attention immediately.

### Skin contact

Remove contaminated clothing.

### Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation

No specific symptoms noted.

#### Ingestion

May cause nausea, headache, dizziness and intoxication.

#### Skin contact

None known.

#### Eye contact

May cause severe irritation to eyes.

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

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Fire can be extinguished using: 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

#### Hazardous combustion products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

#### Unusual Fire & Explosion Hazards

FLAMMABLE. Forms explosive mixtures with air.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

If possible, fight fire from protected position.

#### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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

## Deb InstantFoam Hand Sanitiser

### 7.2. Conditions for safe storage, including any incompatibilities

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)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>			
PROPAN-1-OL	WEL	200 ppm	500 mg/m <sup>3</sup>	250 ppm	625 mg/m <sup>3</sup>	Sk
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

#### Ingredient Comments

WEL = Workplace Exposure Limits

#### 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/m <sup>3</sup>
Industry	Inhalation.	Short Term	Systemic Effects	1723 mg/m <sup>3</sup>
Consumer	Dermal	Long Term	Systemic Effects	81 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	80 mg/m <sup>3</sup>
Consumer	Inhalation.	Short Term	Systemic Effects	1036 mg/m <sup>3</sup>
Consumer	Oral	Long Term	Systemic Effects	61 mg/m <sup>3</sup>

##### PNEC

Freshwater	10	mg/l
STP	96	mg/l
Soil	2.2	mg/kg
Sediment (Marinewa	2.28	mg/kg
Sediment (Freshwate	22.8	mg/kg
Intermittent release	10	mg/l
Marinewater	1	mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Not relevant

#### Respiratory equipment

Not relevant

#### Hand protection

Hand protection not required.

#### 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.

#### Hygiene measures

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

## Deb InstantFoam Hand Sanitiser

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Odour of alcohol.
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range (°C)</b>	78.6 @ 97.8 kPA
<b>Melting point (°C)</b>	Not determined.
<b>Relative density</b>	0.845-0.854 g/ml 25 Deg C
<b>Vapour density (air=1)</b>	Not determined.
<b>Vapour pressure</b>	5649 Pa 20C
<b>Evaporation rate</b>	Not determined.
<b>pH-Value, Conc. Solution</b>	5.0-7.5
<b>Viscosity</b>	Not determined.
<b>Decomposition temperature (°C)</b>	Not determined.
<b>Odour Threshold, Lower</b>	Not determined.
<b>Odour Threshold, Upper</b>	Not determined.
<b>Flash point (°C)</b>	20 C
<b>Auto Ignition Temperature (°C)</b>	475 C
<b>Flammability Limit - Lower(%)</b>	Not determined.
<b>Flammability Limit - Upper(%)</b>	Not determined.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Oxidising properties</b>	Does not meet the criteria for oxidising.

#### 9.2. Other information

None.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

No particular stability concerns.

#### 10.3. Possibility of hazardous reactions

Not known.

#### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

## Deb InstantFoam Hand Sanitiser

### Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity:

Based on available data the classification criteria are not met.

#### Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity:

Does not contain any substances known to be mutagenic.

#### Carcinogenicity:

Does not contain any substances known to be carcinogenic.

#### Reproductive Toxicity:

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:

Based on available data the classification criteria are not met.

### **General information**

No specific health warnings noted.

#### **Inhalation**

No specific health warnings noted.

#### **Ingestion**

May cause nausea, headache, dizziness and intoxication.

#### **Skin contact**

Skin irritation is not anticipated when used normally.

#### **Eye contact**

Irritating and may cause redness and pain.

### Toxicological information on ingredients.

**Deb InstantFoam Hand Sanitiser****ETHANOL (CAS: 64-17-5)****Toxic Dose 1 - LD 50**

7060 mg/kg (oral rat)

**Toxic Dose 2 - LD 50**

3500 mg/kg (oral rat)

**Toxic Conc. - LC 50**

20000 ppm/-- (ihl-rat)

**Acute toxicity:****Acute Toxicity (Dermal LD50)**

&gt; 20000 mg/kg Rabbit

**Skin Corrosion/Irritation:****Oedema score**

Very slight oedema -barely perceptible (1).

**PROPAN-1-OL (CAS: 71-23-8)****Toxic Dose 1 - LD 50**

1870 mg/kg (oral rat)

**Toxic Conc. - LC 50**

&gt;33.8 mg/l/4h (inh-rat)

**Acute toxicity:****Acute Toxicity (Dermal LD50)**

4000 mg/kg Rabbit

**Acute Toxicity (Inhalation LC50)**

&gt; 39.1 mg/l (vapours) Rat 1 hour

**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**

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

**Acute Fish 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 (CAS: 64-17-5)****LC 50, 96 Hrs, Fish mg/l**

14200-15400

**EC 50, 48 Hrs, Daphnia, mg/l**

&gt;9000

**IC 50, 72 Hrs, Algae, mg/l**

5000

**PROPAN-1-OL (CAS: 71-23-8)****LC 50, 96 Hrs, Fish mg/l**

4480

**EC 50, 48 Hrs, Daphnia, mg/l**

3644

**Acute Toxicity - Aquatic Plants**

EC50 192 hours 3100 mg/l Freshwater algae

**12.2. Persistence and degradability**

## Deb InstantFoam Hand Sanitiser

### Degradability

The surfactant(s) contained in this preparation 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.

### Ecological information on ingredients.

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

#### Biodegradation

Degradation (75%) 20 days

### 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

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 13.1. Waste treatment methods

Recover and reclaim or recycle, if practical. Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies.

## SECTION 14: TRANSPORT INFORMATION

**General** No other information noted.

### 14.1. UN number

<b>UN No. (ADR/RID/ADN)</b>	1987
<b>UN No. (IMDG)</b>	1987
<b>UN No. (ICAO)</b>	1987

### 14.2. UN proper shipping name

**Proper Shipping Name** ALCOHOLS, N.O.S. (ETHANOL, PROPAN-2-OL)

### 14.3. Transport hazard class(es)

<b>ADR/RID/ADN Class</b>	3
<b>ADR/RID/ADN Class</b>	Class 3: Flammable liquids.
<b>ADR Label No.</b>	3
<b>IMDG Class</b>	3
<b>ICAO Class/Division</b>	3
<b>Transport Labels</b>	



## Deb InstantFoam Hand Sanitiser



### 14.4. Packing group

ADR/RID/ADN Packing group	II
IMDG 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
Emergency Action Code	•3YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

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

Not applicable.

## 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. 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.

### 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.

#### **Revision Comments**

Revision of information

<b>Revision Date</b>	31/01/2013
<b>Revision</b>	4
<b>Supersedes date</b>	11/01/2012

**Deb InstantFoam Hand Sanitiser****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.

**Disclaimer**

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.