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## 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, IFS250ML, IFS1000ML, IAF400ML, IAF250ML, IAF47ML, IFS47ML, 2717, IFS1LTFEN, 2719, 2720, 2718, 2719EX, FI2718, IFS1LTFSC, FI2720, 6770720, 6770730, 6770736, 6770749, DIX400ML, DIX1L, DIF1200, 2720EX, DIF1247, IFS1LTFNL, DIF12400EX, DIF610EX, dif610, IFS1LTFDE

##### 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

Pakex (uk) Plc  
 1 Prime Point  
 Bessemer Road  
 Welwyn Garden City  
 Herts  
 AL7 1FE  
 Main Tel. 01707 384858  
 Fax: 01707 332838  
[sales@pakexuk.com](mailto:sales@pakexuk.com)

##### 1.4. Emergency telephone number

Emergency telephone: 01707 384858

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

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.

## Deb Instant Foam Complete

### Environmental

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

### 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 local 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

|                       |                      |  |              |
|-----------------------|----------------------|--|--------------|
| <b>ETHANOL</b>        |                      |  | <b>80.0%</b> |
| CAS number: 64-17-5   | EC number: 200-578-6 | REACH registration number: 01-2119457610-43-XXXX |              |
| <b>Classification</b> |                      | <b>Classification (67/548/EEC or 1999/45/EC)</b> |              |
| Flam. Liq. 2 - H225   |                      | F;R11  |              |
| Eye Irrit. 2 - H319   |                      |  |              |

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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|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.  |
| <b>Ingestion</b>    | Rinse mouth. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention if any discomfort continues. |
| <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.   |

### **4.2. 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.                        |

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

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | 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** 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. Use explosion-proof electrical equipment. 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**

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**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. Good general ventilation should be adequate to control worker exposure to airborne contaminants.

**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. Store at temperatures not exceeding 40°C. Take precautionary measures against static discharges.

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

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

##### ETHANOL (CAS: 64-17-5)

**DNEL** Professional - Inhalation; local effects: 1900 mg/m<sup>3</sup>  
Professional - Dermal; Long term systemic effects: 343 mg/kg/day  
Professional - Inhalation; Long term systemic effects: 950 mg/m<sup>3</sup>  
Consumer - Inhalation; local effects: 950 mg/m<sup>3</sup>  
Consumer - Dermal; Long term systemic effects: 206 mg/kg/day  
Consumer - Inhalation; Long term systemic effects: 114 mg/m<sup>3</sup>  
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/m<sup>3</sup>  
Workers - Dermal; Long term systemic effects: 595000 mg/kg/day  
General population - Inhalation; Long term systemic effects: 124 mg/m<sup>3</sup>  
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

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Not applicable.

#### Other skin and body protection

Not relevant.

#### 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.                     |
| 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.                     |
| Vapour pressure                              | Not determined.                     |
| Vapour density                               | Not determined.                     |
| Relative density                             | ~ 0.844 @ 20°C                      |
| Solubility(ies)                              | Soluble in water.                   |

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|                                  |   |
|----------------------------------|---|
| <b>Partition coefficient</b>     | Not determined.   |
| <b>Auto-ignition temperature</b> | Not determined.   |
| <b>Decomposition Temperature</b> | Not determined.   |
| <b>Viscosity</b>                 | 2.67 mPa s @ 20°C   |
| <b>Explosive properties</b>      | Not determined.   |
| <b>Oxidising properties</b>      | Does not meet the criteria for classification as oxidising. |
| <b>9.2. Other information</b>    |   |
| <b>Other information</b>         | No information required.                                    |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---|

#### 10.2. Chemical stability

|                  |                                   |
|------------------|-----------------------------------|
| <b>Stability</b> | No particular stability concerns. |
|------------------|-----------------------------------|

#### 10.3. Possibility of hazardous reactions

|   |            |
|---|------------|
| <b>Possibility of hazardous reactions</b> | Not known. |
|---|------------|

#### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | Avoid heat, flames and other sources of ignition. |
|----------------------------|---|

#### 10.5. Incompatible materials

|                           |  |
|---------------------------|--|
| <b>Materials to avoid</b> | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|---------------------------|--|

#### 10.6. Hazardous decomposition products

|   |                   |
|---|-------------------|
| <b>Hazardous decomposition products</b> | Oxides of carbon. |
|---|-------------------|

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Respiratory Sensitisation

##### Eye Irritation/Damage

##### Skin Sensitisation

##### Acute toxicity - oral

|                                     |  |
|-------------------------------------|--|
| <b>Notes (oral LD<sub>50</sub>)</b> | 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 Respiratory sensitisation

Based on available data the classification criteria are not met.

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**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** Based on available data the classification criteria are not met.

#### 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

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

**Species** Rat

**ATE oral (mg/kg)** 10,470.0

##### Acute toxicity - dermal

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

**Species** Rabbit

##### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> 117.0 vapours mg/l)**

**Species** Rat

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**ATE inhalation (vapours 117.0 mg/l)**

### 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.

## SECTION 12: Ecological Information

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

### **12.1.**

### Toxicity

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

### Ecological information on ingredients.

### ETHANOL

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 15300 mg/l, Pimephales promelas (Fat-head Minnow)  
LC<sub>50</sub>, 96 hours: mg/l, Fish

**Acute toxicity - aquatic invertebrates** 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

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 275 mg/l, Freshwater algae  
IC<sub>50</sub>, 72 hours: 5000 mg/l, Algae

### **12.2. Persistence and degradability**

**Persistence and degradability** The product is expected to be biodegradable.

### **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** 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



## Deb Instant Foam Complete

### 14.1. UN number

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)

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### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### 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.

##### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

|   |  |
|---|--|
| <b>General information</b>                                  | Use biocides safely. Always read the label and product information before use.   |
| <b>Key literature references and sources for data</b>       | 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. |
| <b>Revision comments</b>                                    | This is first issue.   |
| <b>Revision date</b>  | 03/11/2016   |
| <b>Revision</b>   | 14   |
| <b>Supersedes date</b>                                      | 11/08/2016   |
| <b>SDS number</b>   | 20973  |
| <b>Risk phrases in full</b>                                 | R11 Highly flammable<br>R36 Irritating to eyes.<br>R41 Risk of serious damage to eyes.<br>R67 Vapours may cause drowsiness and dizziness.  |
| <b>Hazard statements in full</b>                            | H225 Highly flammable liquid and vapour.<br>H319 Causes serious eye irritation.  |
| <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.