



# Merton Group

Cleaning and hygiene products that don't cost the earth

## SAFETY DATA SHEET

### 22054 - DEB Instant Foam Hand Sanitiser

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

##### 1.1. Product identifier

Product name                    **DEB Instant Foam Hand Sanitiser 1ltr**  
Product number                **22054**

##### 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                         **Merton Group UK Ltd  
Unit 9 Foxholes Road  
off Golf Course Lane  
Leicester  
LE3 1TH**  
  
**0116 231 4040  
headoffice@mertongroup.co.uk**

##### 1.4. Emergency telephone number

Emergency telephone        **National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)  
National Poisons Information Centre (Eire) 01-8092566/8379964**

#### 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**

##### 2.2. Label elements

###### Hazard pictograms



Signal word                     **Danger**

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

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<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P404 Store in a closed container.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p>
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<b>Supplemental label information</b>	BPR001 Use biocides safely. Always read the label and product information before use.
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### 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%</b>
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX	
<b>Classification</b>			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<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.
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## SECTION 5: Firefighting measures

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### 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

**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

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### 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)

<b>Ingredient comments</b>	None.
<b>DNEL</b>	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
<b>PNEC</b>	- 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)

<b>DNEL</b>	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
<b>PNEC</b>	- 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.

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<b>Other skin and body protection</b>	Not relevant.
<b>Hygiene measures</b>	Do not smoke in work area. Promptly remove any clothing that becomes contaminated.
<b>Respiratory protection</b>	Not relevant.

### 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>	Alcoholic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 5.0-7.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	~ 15.3°C A.9
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	~ 0.844 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<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.

#### 9.2. Other information

<b>Other information</b>	No information required.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not known.
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### 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** Oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** 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** 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** 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.

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**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> mg/kg)** 10,470.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

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

##### Acute toxicity - dermal

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

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

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

**Species** Rat

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

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

##### Skin corrosion/irritation

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

##### 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.

##### 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

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<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>General information</b>	No specific health hazards known.
<b>Inhalation</b>	No specific health hazards known.
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	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.

#### Ecological information on ingredients.

##### ETHANOL

**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

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

#### Acute aquatic toxicity

**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: mg/l, Daphnia magna  
EC<sub>50</sub>, > 48 hours: 10000 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.

#### Ecological information on ingredients.

##### ETHANOL

**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.

#### Ecological information on ingredients.



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**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** : -0.35

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### Ecological information on ingredients.

### ETHANOL

**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.

#### Ecological information on ingredients.

### ETHANOL

**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.

#### Ecological information on ingredients.

### ETHANOL

**Other adverse effects** None known.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** This material and its container must be disposed of as hazardous waste. Dispose of waste product or used containers in accordance with local regulations Reuse or recycle products wherever possible.

### **SECTION 14: Transport information**

#### 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 SOLUTION (ETHYL ALCOHOL SOLUTION)

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Proper shipping name (IMDG) ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Proper shipping name (ICAO) ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Proper shipping name (ADN) 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
ICAO packing group	II
ADN 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 MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

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<b>EU legislation</b>	<p>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).</p> <p>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).</p> <p>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).</p> <p>REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.</p>
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**PCS Number** 98218

### 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>	NOTE: Lines within the margin indicate significant changes from the previous revision. Revision of information
<b>Revision date</b>	14/09/2021
<b>Revision</b>	22
<b>Supersedes date</b>	07/09/2021
<b>SDS number</b>	20973
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
<b>Notes for Hazard Statements in Full</b>	The full text for 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.