



## SAFETY DATA SHEET ANTIBACTERIAL HAND SOAP

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

#### 1.1. Product identifier

**Product name** ANTIBACTERIAL HAND SOAP  
**Product number** H5  
**Container size** 500mL

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

**Identified uses** Cleaning agent. Hand cleaner.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Orca Hygiene Ltd  
 Blackhouse Circle  
 Blackhouse Industrial Estate  
 Peterhead, AB42 1BN  
 www.orcahygiene.com  
 +44 (0)1779 871945

**Contact person** For content of safety data sheet: info@orcahygiene.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)1779 871945

**National emergency telephone number** In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

### SECTION 2: Hazards identification

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

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

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

#### 2.2. Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Biocide Labelling** Contains active substance: L-(+)-lactic acid, Phenoxyethanol

#### 2.3. Other hazards

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

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>CITRIC ACID ANHYDROUS</b>		<b>1-5%</b>
CAS number: 77-92-9	EC number: 201-069-1	REACH registration number: 01-2119457026-42-XXXX
<b>Classification</b>		
Eye Irrit. 2 - H319		
<b>C12-14-ALKYL ETHER SULFATES</b>		<b>1-5%</b>
CAS number: 68891-38-3	EC number: 500-234-8	REACH registration number: 01-2119488639-16-XXXX
<b>Classification</b>		
Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412		
<b>MONOPROPYLENE GLYCOL</b>		<b>1-5%</b>
CAS number: 57-55-6		
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>
Not Classified		-

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

<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	May cause temporary 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

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.
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### 5.3. Advice for firefighters

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses.

**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** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Avoid spilling.

**Advice on general occupational hygiene** No specific requirements are anticipated under normal conditions of use.

### 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.

### 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

#### **MONOPROPYLENE GLYCOL**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

WEL = Workplace Exposure Limit.

#### CITRIC ACID ANHYDROUS (CAS: 77-92-9)

#### **DNEL**

Available hazard data do not support the need for a DNEL to be established for other health effects.

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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 0.44 mg/l</li> <li>- marine water; 0.044 mg/l</li> <li>- STP; &gt;1000 mg/l</li> <li>- Sediment (Freshwater); 34.6 mg/kg</li> <li>- Sediment (Marinewater); 3.46 mg/kg</li> <li>- Soil; 33.1</li> </ul>
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### C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 2750 mg/kg/day</p> <p>Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup></p> <p>Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day</p> <p>Consumer - Oral; Long term systemic effects: 15 mg/kg/day</p>
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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 0.24 mg/l</li> <li>- marine water; 0.024 mg/l</li> <li>- Intermittent release; 0.071 mg/l</li> <li>- Sediment, Fresh water; 0.917 mg/kg</li> <li>- Sediment, marine water; 0.092 mg/kg</li> <li>- Soil; 7.5 mg/kg</li> <li>- STP; 10,000 mg/l</li> </ul>
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### MONOPROPYLENE GLYCOL (CAS: 57-55-6)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 168 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup></p> <p>General population - Inhalation; Long term systemic effects: 50 mg/m<sup>3</sup></p> <p>General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup></p>
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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 260 mg/l</li> <li>- Intermittent release; 183 mg/l</li> <li>- marine water; 26 mg/l</li> <li>- STP; 20000 mg/l</li> <li>- Sediment (Freshwater); 572 mg/kg</li> <li>- Sediment (Marinewater); 57.2 mg/kg</li> <li>- Soil; 50 mg/kg</li> </ul>
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### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	No specific ventilation requirements.
<b>Eye/face protection</b>	No specific eye protection required during normal use.
<b>Hand protection</b>	Hand protection not required.
<b>Other skin and body protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Hygiene measures</b>	No specific measures identified.
<b>Respiratory protection</b>	Respiratory protection not required.
<b>Environmental exposure controls</b>	Avoid releasing into the environment.

## **SECTION 9: Physical and chemical properties**

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

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<b>Appearance</b>	Liquid.
<b>Colour</b>	White.
<b>Odour</b>	Unperfumed.
<b>pH</b>	pH (concentrated solution): 2-3
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	This product does not sustain combustion.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Relative density</b>	1.01-1.03
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	950-1500 cP @ 20°C
<b>Explosive properties</b>	There are no chemical groups present in the product that are associated with explosive properties.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	There are no chemical groups present in the product that are associated with oxidising properties.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

**Other information** Not relevant.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

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### 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** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

#### 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

**Skin corrosion/irritation** Not classified. Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

#### Respiratory sensitisation

**Respiratory sensitisation** Not sensitising. Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Not classified. Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Does not contain any substances known to be mutagenic.

#### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

#### Aspiration hazard

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

#### **General information**

This product has low toxicity.

#### **Inhalation**

No specific health hazards known.

#### **Ingestion**

May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

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**Skin contact** Skin irritation should not occur when used as recommended. Prolonged contact may cause redness, irritation and dry skin.

**Eye contact** May cause temporary eye irritation.

### SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product. 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** No information available.

#### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

#### 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** The generation of waste should be minimised or avoided wherever possible.

**Disposal methods** The packaging must be empty (drop-free when inverted). Wash with plenty of water. Waste packaging should be collected for reuse or recycling. Refer to manufacturer/supplier for information on recovery/recycling. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

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No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL 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

<b>National regulations</b>	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). EH40/2005 Workplace exposure limits.
<b>EU legislation</b>	Regulation (EC) N° 1223/2009 on cosmetic products
<b>Guidance</b>	Workplace Exposure Limits EH40. COSHH Essentials. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.

### 15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

## SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
<b>Revision comments</b>	New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	30/06/2020
<b>Revision</b>	1
<b>SDS number</b>	22226
<b>Hazard statements in full</b>	H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.

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.