

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET CLASSMATES BACTERICIDAL LIQUID SOAP

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

#### 1.1. Product identifier

|                         |                                     |
|-------------------------|-------------------------------------|
| Product name            | CLASSMATES BACTERICIDAL LIQUID SOAP |
| Internal identification | 072701/G375                         |
| Container size          | 2x5L                                |

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

|                 |                              |
|-----------------|------------------------------|
| Identified uses | Hand cleaner. Antibacterial. |
|-----------------|------------------------------|

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

|          |   |
|----------|---|
| Supplier | Cleenol Group Ltd<br>Neville House<br>Beaumont Road<br>Banbury<br>Oxon OX16 1RB<br>UK<br>Tel: +44 (0)1295 251721<br>sales@cleenol.co.uk |
|----------|---|

#### 1.4. Emergency telephone number

|                     |   |
|---------------------|---|
| Emergency telephone | 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 (UK only). |
|---------------------|---|

### SECTION 2: Hazards identification

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

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

|                       |                          |
|-----------------------|--------------------------|
| Physical hazards      | Not Classified           |
| Health hazards        | Eye Irrit. 2 - H319      |
| Environmental hazards | Aquatic Chronic 3 - H412 |

#### 2.2. Label elements

##### Hazard pictograms



|             |         |
|-------------|---------|
| Signal word | Warning |
|-------------|---------|

|                   |  |
|-------------------|--|
| Hazard statements | H319 Causes serious eye irritation.<br>H412 Harmful to aquatic life with long lasting effects. |
|-------------------|--|

## CLASSMATES BACTERICIDAL LIQUID SOAP

**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
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.  
P501 Dispose of contents/ container in accordance with national regulations.

**Detergent labelling** Contains BRONOPOL (INN), BENZYL ALCOHOL

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

|  |                      |
|--|----------------------|
| <b>ALCOHOLS, C12-14, ETHOXYLATED, SULFATES</b> | <b>5-10%</b>         |
| CAS number: 68891-38-3                         | EC number: 500-234-8 |

**Classification**

Skin Irrit. 2 - H315  
Eye Dam. 1 - H318  
Aquatic Chronic 3 - H412

|                       |                        |
|-----------------------|------------------------|
| <b>LAURYL LACTATE</b> | <b>1-5%</b>            |
| CAS number: —         | EC number: 947-574-7   |
| M factor (Acute) = 1  | M factor (Chronic) = 1 |

**Classification**

Aquatic Acute 1 - H400  
Aquatic Chronic 1 - H410

|                         |                      |
|-------------------------|----------------------|
| <b>2-PHENOXYETHANOL</b> | <b>0.90%</b>         |
| CAS number: 122-99-6    | EC number: 204-589-7 |

**Classification**

Acute Tox. 4 - H302  
Eye Irrit. 2 - H319

|                                |                      |
|--------------------------------|----------------------|
| <b>CITRIC ACID MONOHYDRATE</b> | <b>&lt;1%</b>        |
| CAS number: 5949-29-1          | EC number: 691-328-9 |

**Classification**

Skin Irrit. 2 - H315

## CLASSMATES BACTERICIDAL LIQUID SOAP

|   |                      |  |
|---|----------------------|--|
| <b>BRONOPOL (INN)</b>   |                      | <b>&lt;1%</b>                                    |
| CAS number: 52-51-7   | EC number: 200-143-0 | REACH registration number: 01-2119980938-15-XXXX |
| M factor (Acute) = 10   |                      |  |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H312<br>Acute Tox. 3 - H331<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>STOT SE 3 - H335<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 2 - H411 |                      |  |

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>Inhalation</b>   | Unlikely route of exposure as the product does not contain volatile substances.                              |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink.                       |
| <b>Skin contact</b> | Not applicable - this product is safe for regular application to the skin.                                   |
| <b>Eye contact</b>  | Rinse cautiously with water for several minutes. Get medical attention if irritation persists after washing. |

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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | No adverse effects known.  |
| <b>Ingestion</b>    | No adverse effects known. The product is considered to be a low hazard under normal conditions of use. |
| <b>Skin contact</b> | No adverse effects 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. |
| <b>Specific treatments</b>  | Treat symptomatically.       |

### 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. |
| <b>Unsuitable extinguishing media</b> | None known.   |

#### 5.2. Special hazards arising from the substance or mixture

|                         |             |
|-------------------------|-------------|
| <b>Specific hazards</b> | None known. |
|-------------------------|-------------|

#### 5.3. Advice for firefighters

## CLASSMATES BACTERICIDAL LIQUID SOAP

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

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

**Personal precautions** Take care as floors and other surfaces may become slippery.

#### 6.2. Environmental precautions

**Environmental precautions** Not regarded as dangerous for the environment.

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

**Methods for cleaning up** Flush away spillage with plenty of water.

#### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with eyes.

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

**Storage precautions** No special storage precautions required.

**Storage class** Non-hazardous storage.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### CITRIC ACID MONOHYDRATE

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 10 mg/m<sup>3</sup>

**Ingredient comments** No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment

**Appropriate engineering controls** Not applicable.

**Eye/face protection** No specific eye protection required during normal use.

**Hand protection** Not applicable.

**Respiratory protection** Not applicable.

### SECTION 9: Physical and chemical properties

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

**Appearance** Clear liquid.

## CLASSMATES BACTERICIDAL LIQUID SOAP

|                           |   |
|---------------------------|---|
| Colour                    | Green.  |
| Odour                     | Odourless.  |
| pH                        | pH (concentrated solution): 3 - 4                           |
| Flash point               | Not applicable.   |
| Relative density          | 1.02 - 1.03 @ 20°C  |
| Solubility(ies)           | Soluble in water.   |
| Auto-ignition temperature | Not applicable.   |
| Decomposition Temperature | Not determined.   |
| Viscosity                 | 3000 - 5000 cP @ 20°C Viscous.                              |
| Explosive properties      | Not applicable.   |
| Oxidising properties      | Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                           |                 |
|---------------------------|-----------------|
| Refractive index          | 10.5 - 13.0     |
| Volatile organic compound | Not applicable. |

## 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 and when used as recommended. |
|-----------|---|

### 10.3. Possibility of hazardous reactions

|                                    |   |
|------------------------------------|---|
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
|------------------------------------|---|

### 10.4. Conditions to avoid

|                     |  |
|---------------------|--|
| Conditions to avoid | No specific requirements are anticipated under normal conditions of use. |
|---------------------|--|

### 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. |
|-----------------------|---|

### Serious eye damage/irritation

|                               |                                |
|-------------------------------|--------------------------------|
| Serious eye damage/irritation | Causes serious eye irritation. |
|-------------------------------|--------------------------------|

|                     |   |
|---------------------|---|
| General information | The product is not believed to present a hazard due to its physical nature. |
|---------------------|---|

## CLASSMATES BACTERICIDAL LIQUID SOAP

|                               |   |
|-------------------------------|---|
| <b>Ingestion</b>              | May cause discomfort.   |
| <b>Skin contact</b>           | Skin irritation should not occur when used as recommended. May cause skin sensitisation or allergic reactions in sensitive individuals. |
| <b>Medical considerations</b> | Pre-existing eye problems.  |

### SECTION 12: Ecological information

**Ecotoxicity** The product contains a substance which is harmful to aquatic organisms.

#### 12.1. Toxicity

**Toxicity** Harmful to Aquatic Organisms

#### 12.2. Persistence and degradability

**Persistence and degradability** Moderately biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

#### 12.4. Mobility in soil

**Mobility** 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 surplus products and those that cannot be recycled via a licensed waste disposal contractor.

**Disposal methods** The product is designed and intended for disposal to public sewer after use.

### 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)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

## CLASSMATES BACTERICIDAL LIQUID SOAP

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>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 (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (as amended).</p> <p>Regulation (EC) No 1223/2009 of the European Parliament and the Council of 30 November 2009 on Cosmetic Products (as amended).</p> <p>Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (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> |
| <b>Guidance</b>       | <p>EH40/2005 Workplace exposure limits</p> <p>Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)</p> <p>Health and Safety Executive</p>  |

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

|                        |                    |
|------------------------|--------------------|
| <b>Issued by</b>       | Regulatory Chemist |
| <b>Revision date</b>   | 22/04/2021         |
| <b>Revision</b>        | 25                 |
| <b>Supersedes date</b> | 07/04/2021         |
| <b>SDS number</b>      | 21592              |

## CLASSMATES BACTERICIDAL LIQUID SOAP

### Hazard statements in full

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
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.