

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET LIQUID DETERGENT

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

#### 1.1. Product identifier

Product name	LIQUID DETERGENT
Internal identification	020852X5
Container size	2x5L

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

Identified uses	Detergent.
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#### 1.4. Emergency telephone number

Emergency telephone	In case of a medical emergency following exposure to a chemical, call NHS Direct via 111 (UK only).
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### SECTION 2: Hazards identification

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

##### Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. 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.

## LIQUID DETERGENT

**Detergent labelling**                      Contains BRONOPOL (INN)

### 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>BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPDS. WITH TRIETHANOLAMINE</b>	<b>5-10%</b>
CAS number: 121617-08-1	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	
<b>BRONOPOL (INN)</b>	<b>&lt;1%</b>
CAS number: 52-51-7                                      EC number: 200-143-0	
M factor (Acute) = 10	
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 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. Get medical attention if a large quantity has been ingested.
<b>Skin contact</b>	Wash with plenty of water.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if any discomfort continues.

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

<b>Inhalation</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	Causes serious eye irritation.

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

**Notes for the doctor**                      No specific recommendations.

## LIQUID DETERGENT

**Specific treatments**                      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media**                      None known.

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

**Specific hazards**                                      None known.

#### 5.3. Advice for firefighters

**Protective actions during firefighting**                      No specific firefighting precautions known.

**Special protective equipment for firefighters**    Use protective equipment appropriate for surrounding materials. Firefighter's clothing 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**                                      Avoid contact with eyes and prolonged skin contact. Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material.

#### 6.2. Environmental precautions

**Environmental precautions**                      No negative effects on the aquatic environment are known.

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

**Methods for cleaning up**                                      Large Spillages: Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Wash thoroughly after dealing with a spillage.

#### 6.4. Reference to other sections

**Reference to other sections**    For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**                                      For professional users only. Avoid contact with eyes and prolonged skin contact. Avoid spilling.

**Advice on general occupational hygiene**                      Wash contaminated skin thoroughly after handling.

#### 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. Protect from freezing and direct sunlight.

#### 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

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

## LIQUID DETERGENT

### 8.2. Exposure controls

#### Protective equipment



<b>Appropriate engineering controls</b>	Not applicable.
<b>Eye/face protection</b>	No specific eye protection required during normal use.
<b>Hand protection</b>	No specific requirements are anticipated under normal conditions of use.
<b>Hygiene measures</b>	Wash hands thoroughly after handling.
<b>Respiratory protection</b>	No specific requirements are anticipated under normal conditions of use.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Green.
<b>Odour</b>	Odourless.
<b>pH</b>	pH (concentrated solution): 6 - 9
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Relative density</b>	1.017 - 1.019 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	200 - 400 cP @ 20°C
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Refractive index</b>	10 - 12
<b>Volatile organic compound</b>	This product contains a maximum VOC content of <0.1 %.

### 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>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
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## LIQUID DETERGENT

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 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.

#### Inhalation

The product is considered to be a low hazard under normal conditions of use.

#### Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

#### Skin contact

Skin irritation should not occur when used as recommended.

#### Eye contact

Causes serious eye irritation.

#### Route of exposure

Skin and/or eye contact

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

#### Ecological information on ingredients.

#### BRONOPOL (INN)

##### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)** 10

### 12.2. Persistence and degradability

**Persistence and degradability** Moderately biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product contains substances which are 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.

## LIQUID DETERGENT

### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

**Disposal methods** Dispose of waste product or used containers in accordance with local regulations

### 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

**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

**National regulations** The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).

**Guidance** EH40/2005 Workplace exposure limits  
Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)  
Health and Safety Executive

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## LIQUID DETERGENT

### SECTION 16: Other information

<b>Issued by</b>	Regulatory Chemist
<b>Revision date</b>	02/06/2021
<b>Revision</b>	6
<b>Supersedes date</b>	03/03/2021
<b>SDS number</b>	21196
<b>Hazard statements in full</b>	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. H411 Toxic 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.