

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET MIXXIT PERFUMED ANTIBACTERIAL BATH & WASHROOM CLEANER

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

#### 1.1. Product identifier

Product name	MIXXIT PERFUMED ANTIBACTERIAL BATH & WASHROOM CLEANER
Internal identification	MXX598
Container size	2x2L
UFI	UFI: UNY1-R08H-S008-0MCF

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

Identified uses	Cleaning agent. Descaler. For professional use only.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	Cleenol Group Ltd Neville House Beaumont Road Banbury Oxon OX16 1RB UK Tel: +44 (0)1295 251721 sales@cleenol.co.uk
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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	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Danger
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Hazard statements	EUH208 Contains d-LIMONENE. May produce an allergic reaction. H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
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## MIXXIT PERFUMED ANTIBACTERIAL BATH & WASHROOM CLEANER

<b>Precautionary statements</b>	<p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</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>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>
<b>Contains</b>	ALCOHOLS, C12-C14, ETHOXYLATED, Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))
<b>Detergent labelling</b>	Contains d-LIMONENE, CITRAL, BRONOPOL (INN)
<b>Supplementary precautionary statements</b>	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>CITRIC ACID MONOHYDRATE</b> CAS number: 5949-29-1      EC number: 691-328-9	<b>5-10%</b>
<b>Classification</b> Eye Irrit. 2 - H319	
<b>ALCOHOLS, C12-C14, ETHOXYLATED</b> CAS number: 68439-50-9      EC number: 500-213-3	<b>1-5%</b>
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))</b> CAS number: 68424-85-1      EC number: 270-325-2 M factor (Acute) = 10      M factor (Chronic) = 1	<b>1.8%</b>
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1A - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

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<b>d-LIMONENE</b>		<b>&lt;1%</b>
CAS number: 5989-27-5	EC number: 227-813-5	
M factor (Acute) = 1		
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412		
<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 any discomfort continues.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
<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.

#### 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 adverse effects known. May cause discomfort.
<b>Skin contact</b>	Causes mild skin irritation. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Causes serious eye damage.

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

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

**Specific treatments** Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Avoid the spillage or runoff entering drains, sewers or watercourses.

**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. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery. Wash thoroughly after dealing with a spillage.

#### 6.2. Environmental precautions

**Environmental precautions** The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. Avoid discharge to the aquatic environment.

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

**Methods for cleaning up** Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely.

#### 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. Wash hands thoroughly after handling.

**Advice on general occupational hygiene** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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

**Storage precautions** Keep only in the original container in a cool, well-ventilated place. Store at temperatures between 0°C and 40°C.

**Storage class** Chemical storage.

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### 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

##### 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>

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

No specific ventilation requirements.

##### Eye/face protection

No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment that provides appropriate eye and face protection should be worn.

##### Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. Wear protective gloves made of the following material: Nitrile rubber. Rubber (natural, latex). To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

##### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

##### Respiratory protection

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>	Coloured liquid.
<b>Colour</b>	Purple.
<b>Odour</b>	Citrus.
<b>pH</b>	pH (concentrated solution): 1.5 - 2.0
<b>Flash point</b>	Not applicable.
<b>Relative density</b>	~ 1.02 @ 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>	Non-viscous.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

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### 9.2. Other information

Refractive index	8 - 10
Volatile organic compound	Not applicable.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

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

Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
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#### 10.4. Conditions to avoid

Conditions to avoid	No specific requirements are anticipated under normal conditions of use.
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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.
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#### 10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.
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### 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.
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#### Acute toxicity - oral

ATE oral (mg/kg)	10,810.81
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#### Skin corrosion/irritation

Skin corrosion/irritation	Causes skin irritation.
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Extreme pH	≤ 2
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#### Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.
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#### Respiratory sensitisation

Respiratory sensitisation	Based on available data the classification criteria are not met.
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#### Germ cell mutagenicity

Genotoxicity - in vitro	Based on available data the classification criteria are not met.
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#### Carcinogenicity

Carcinogenicity	Based on available data the classification criteria are not met.
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#### Reproductive toxicity

Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
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#### Specific target organ toxicity - single exposure

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**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

**Inhalation** Considered to be a low inhalation hazard at normal workplace temperatures.

**Ingestion** No adverse effects known. May cause discomfort.

**Skin contact** Causes skin irritation. May cause sensitisation or allergic reactions in sensitive individuals.

**Eye contact** Causes serious eye damage.

**Route of exposure** Skin and/or eye contact

**Medical considerations** Pre-existing eye problems. Skin disorders and allergies.

## SECTION 12: Ecological information

**Ecotoxicity** The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 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** 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.

### 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 contents/container in accordance with local regulations. Discharge of small quantities to the sewer with plenty of water may be permitted.

## MIXXIT PERFUMED ANTIBACTERIAL BATH & WASHROOM CLEANER

### 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

**EU legislation**

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).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Issued by** Regulatory Chemist

**Revision date** 05/11/2021

**Revision** 10

**Supersedes date** 26/05/2021

**SDS number** 20739



## MIXXIT PERFUMED ANTIBACTERIAL BATH & WASHROOM CLEANER

**Hazard statements in full**

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
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.  
EUH208 Contains d-LIMONENE. May produce an allergic reaction.

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.