



## SAFETY DATA SHEET ENZYME DIGESTER

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

#### 1.1. Product identifier

<b>Product name</b>	ENZYME DIGESTER
<b>Internal identification</b>	08284X/6, 08284/2X5
<b>Container size</b>	1, 5L

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

<b>Identified uses</b>	Specialist biological product for multi surface cleaning.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	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

<b>Emergency telephone</b>	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).
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### SECTION 2: Hazards identification

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

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

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Eye Dam. 1 - H318
<b>Environmental hazards</b>	Not Classified

#### 2.2. Label elements

##### Hazard pictograms



<b>Signal word</b>	Danger
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<b>Hazard statements</b>	EUH208 Contains CITRONELLOL, HEXYL CINNAMALDEHYDE, BENZYL SALICYLATE. May produce an allergic reaction. H318 Causes serious eye damage.
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## ENZYME DIGESTER

<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</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>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P411+P235 Store at temperatures not exceeding 40°C. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** C9-11 ALCOHOL ETHOXYLATE 6-8 MOLES EO

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>C9-11 ALCOHOL ETHOXYLATE 6-8 MOLES EO</b>	<b>5-10%</b>
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CAS number: 68439-46-3	EC number: 931-514-1
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**Classification**

Acute Tox. 4 - H302  
Eye Dam. 1 - H318

<b>CITRONELLOL</b>	<b>&lt;1%</b>
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CAS number: 106-22-9	EC number: 203-375-0
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**Classification**

Skin Irrit. 2 - H315  
Eye Irrit. 2 - H319  
Skin Sens. 1 - H317

<b>HEXYL CINNAMALDEHYDE</b>	<b>&lt;1%</b>
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CAS number: 101-86-0	EC number: 202-983-3
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M factor (Acute) = 1

**Classification**

Skin Sens. 1 - H317  
Aquatic Acute 1 - H400  
Aquatic Chronic 2 - H411

<b>BENZYL SALICYLATE</b>	<b>&lt;1%</b>
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CAS number: 118-58-1	EC number: 204-262-9
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**Classification**

Eye Irrit. 2 - H319  
Skin Sens. 1B - H317  
Aquatic Chronic 3 - H412

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

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

**Inhalation** Remove person to fresh air and keep comfortable for breathing.

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<b>Ingestion</b>	Rinse mouth thoroughly with water.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	IF IN EYES: Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>Inhalation</b>	Considered to be a low inhalation hazard at normal workplace temperatures. Slightly irritating.
<b>Ingestion</b>	Nausea, vomiting.
<b>Skin contact</b>	May be slightly irritating to skin. Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	May cause blurred vision and serious eye damage. Redness.

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

<b>Notes for the doctor</b>	If in doubt, get medical attention promptly.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	Irritating gases or vapours.
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### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	No negative effects on the aquatic environment are known.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Take care as floors and other surfaces may become slippery. Following dilution, discharge to the sewer with plenty of water may be permitted.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Avoid contact with skin, eyes and clothing.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
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### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

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

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** No specific ventilation requirements.

**Personal protection** The following recommendations are made based on information available for the major chemical component.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection** Wear protective gloves.

**Respiratory protection** No specific recommendations. Not applicable.

### SECTION 9: Physical and chemical properties

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

**Appearance** Liquid.

**Colour** White.

**Odour** Pleasant, agreeable.

**pH** pH (concentrated solution): 4 - 5

**Melting point** >0°C

**Initial boiling point and range** >100°C

**Relative density** ~ 1.01 @ 20°C

#### 9.2. Other information

**Other information** None.

### 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 specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat.

#### 10.5. Incompatible materials

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**Materials to avoid**                      Acids. Strong oxidising agents.

### 10.6. Hazardous decomposition products

#### **SECTION 11: Toxicological information**

##### 11.1. Information on toxicological effects

###### Acute toxicity - oral

**ATE oral (mg/kg)**                      6,666.67

###### Skin corrosion/irritation

**Skin corrosion/irritation**              Based on available data the classification criteria are not met. May be slightly irritating to skin.

###### Serious eye damage/irritation

**Serious eye damage/irritation**      Causes serious eye damage.

###### Skin sensitisation

**Skin sensitisation**                      May cause sensitisation or allergic reactions in sensitive individuals.

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

##### Toxicological information on ingredients.

#### C9-11 ALCOHOL ETHOXYLATE 6-8 MOLES EO

###### Acute toxicity - oral

**ATE oral (mg/kg)**                      500.0

#### **SECTION 12: Ecological information**

**Ecotoxicity**                                No negative effects on the aquatic environment are known.

##### 12.1. Toxicity

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

##### 12.2. Persistence and degradability

**Persistence and degradability**      Moderately biodegradable.

##### 12.3. Bioaccumulative potential

**Bioaccumulative potential**          Based on available data the classification criteria are not met.

##### 12.4. Mobility in soil

**Mobility**                                      Mobile. 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**                      This material and its container must be disposed of in a safe way.

**Disposal methods**                        Discharge of small quantities to the sewer with plenty of water may be permitted.

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### 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**

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EH40/2005 Workplace exposure limits.

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

**15.2. Chemical safety assessment**

A chemical safety assessment has been carried out.

### SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet**

vPvB: Very Persistent and Very Bioaccumulative.

PBT: Persistent, Bioaccumulative and Toxic substance.

ATE: Acute Toxicity Estimate.

**Issued by**

Regulatory Chemist

**Revision date**

21/12/2020

**Revision**

1

**SDS number**

21414

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### Hazard statements in full

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains CITRONELLOL, HEXYL CINNAMALDEHYDE, BENZYL SALICYLATE.  
May produce an allergic reaction.