



## ENZYME DRAIN OPENER

0949

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : **Enzyme Drain Opener 5ltr**  
 Product code : **0949**  
 Type of product : Technical product

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
 Industrial/Professional use spec : For professional use only  
 Use of the substance/mixture : L2 - enzymatic cleaner

##### 1.2.2. Uses advised against

No additional information available

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

**Merton Group UK Ltd** Unit 9 Foxholes Road off Golf Course Lane Leicester LE3 1TH  
 Tel: 0116 231 4040 Fax: 0116 287 3570 Email: headoffice@mertongroup.co.uk

#### 1.4. Emergency telephone number

Emergency number : Mon to Fri 8.30am to 5.00pm - 01298 26226

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
 Hazardous ingredients : Deceth-7  
 Hazard statements (CLP) : H318 - Causes serious eye damage  
 Precautionary statements (CLP) : P280 - Wear eye 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  
 P315 - Get immediate medical advice/attention  
 EUH phrases : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

**Safety Data Sheet**

according to Regulation (EC) No. 453/2010

| Name           | Product identifier                      | %     | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------|---|-------|--|---|
| Deceth-7       | (CAS No) 68439-45-2                     | 1 - 5 | Not classified                                   | Eye Dam. 1, H318  |
| SODIUM NITRATE | (CAS No) 7631-99-4<br>(EC no) 231-554-3 | 1 - 5 | Not classified                                   | Ox. Sol. 3, H272<br>Eye Irrit. 2, H319                          |

Full text of R- and H-phrases: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

- First-aid measures general : Get medical advice/attention if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.

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

- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Repeated exposure may cause skin dryness or cracking.
- Symptoms/injuries after eye contact : Causes eye irritation.
- Symptoms/injuries after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

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

No additional information available

**5.3. Advice for firefighters**

No additional information available

**SECTION 6: Accidental release measures**

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

**6.1.1. For non-emergency personnel**

- Emergency procedures : Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

- Protective equipment : Use personal protective equipment as required.

**6.2. Environmental precautions**

Avoid release to the environment.

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

- For containment : Collect spillage.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

**6.4. Reference to other sections**

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

- Precautions for safe handling : Avoid contact with eyes.
- Hygiene measures : Do not eat, drink or smoke when using this product.

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

- Technical measures : Does not require any specific or particular technical measures.
- Storage conditions : Keep container closed when not in use.
- Incompatible products : Oxidizing agent. Strong acids. Strong bases.
- Special rules on packaging : Keep only in original container.

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

No additional information available

**Safety Data Sheet**

according to Regulation (EC) No. 453/2010

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

|                                   |  |
|-----------------------------------|--|
| Materials for protective clothing | : Not required for normal conditions of use            |
| Hand protection                   | : In case of repeated or prolonged contact wear gloves |
| Eye protection                    | : Chemical goggles or face shield                      |
| Skin and body protection          | : Not required for normal conditions of use            |
| Respiratory protection            | : Not required for normal conditions of use            |



**SECTION 9: Physical and chemical properties**

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

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Appearance                                 | : Liquid.           |
| Colour                                     | : light yellow.     |
| Odour                                      | : characteristic.   |
| Odour threshold                            | : No data available |
| pH   | : 8,5               |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : No data available |
| Freezing point                             | : No data available |
| Boiling point                              | : No data available |
| Flash point                                | : No data available |
| Auto-ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : No data available |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : 1,01              |
| Solubility                                 | : No data available |
| Log Pow                                    | : No data available |
| Viscosity, kinematic                       | : No data available |
| Viscosity, dynamic                         | : No data available |
| Explosive properties                       | : No data available |
| Oxidising properties                       | : No data available |
| Explosive limits                           | : No data available |

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

No additional information available

**Safety Data Sheet**

according to Regulation (EC) No. 453/2010

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

|  |   |                                       |
|--|---|---------------------------------------|
| Acute toxicity                                     | : | Not classified                        |
| Skin corrosion/irritation                          | : | Not classified<br>pH: 8,5             |
| Serious eye damage/irritation                      | : | Causes serious eye damage.<br>pH: 8,5 |
| Respiratory or skin sensitisation                  | : | Not classified                        |
| Germ cell mutagenicity                             | : | Not classified                        |
| Carcinogenicity                                    | : | Not classified                        |
| Reproductive toxicity                              | : | Not classified                        |
| Specific target organ toxicity (single exposure)   | : | Not classified                        |
| Specific target organ toxicity (repeated exposure) | : | Not classified                        |
| Aspiration hazard                                  | : | Not classified                        |

**SECTION 12: Ecological information**

**12.1. Toxicity**

No additional information available

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

No additional information available

**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

**14.1. UN number**

Not regulated for transport

**14.2. UN proper shipping name**

|                             |   |                |
|-----------------------------|---|----------------|
| Proper Shipping Name (ADR)  | : | Not applicable |
| Proper Shipping Name (IMDG) | : | Not applicable |
| Proper Shipping Name (IATA) | : | Not applicable |

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

**ADR**

|                                  |   |                |
|----------------------------------|---|----------------|
| Transport hazard class(es) (ADR) | : | Not applicable |
|----------------------------------|---|----------------|

**IMDG**

|                                   |   |                |
|-----------------------------------|---|----------------|
| Transport hazard class(es) (IMDG) | : | Not applicable |
|-----------------------------------|---|----------------|

**IATA**

**Safety Data Sheet**

according to Regulation (EC) No. 453/2010

Transport hazard class(es) (IATA) : Not applicable

**14.4. Packing group**

Packing group (ADR) : Not applicable  
 Packing group (IMDG) : Not applicable  
 Packing group (IATA) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No  
 Marine pollutant : No  
 Other information : No supplementary information available

**14.6. Special precautions for user**

**- Overland transport**

No data available

**- Transport by sea**

No data available

**- Air transport**

No data available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.1.1. EU-Regulations**

Contains no substances with Annex XVII restrictions  
 Contains no substance on the REACH candidate list  
 Contains no REACH Annex XIV substances

**15.1.2. National regulations**

**Germany**

VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

**15.2. Chemical safety assessment**

No additional information available

**SECTION 16: Other information**

Full text of R-, H- and EUH-phrases:

|              |   |
|--------------|---|
| Eye Dam. 1   | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Ox. Sol. 3   | Oxidising Solids, Category 3                  |
| H272         | May intensify fire; oxidiser                  |
| H318         | Causes serious eye damage                     |
| H319         | Causes serious eye irritation                 |
| EUH208       | Contains . May produce an allergic reaction   |

SDS EU

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*