

## **SAFETY DATA SHEET - ENZYME DRAIN CLEANER**

**ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)**

### **1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING**

#### **1.1 Product Identifier**

|              |                      |
|--------------|----------------------|
| Product Name | Enzyme Drain Cleaner |
| Trade Name   | BD                   |
| CAS No       | n/a                  |
| EINCEC No    | n/a                  |

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

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| Company Identification | Trichem South Ltd                                      |
| Company Address        | Trichem House, Commerce Way, Edenbridge, Kent, TN8 6ED |
| Telephone No           | 01732 861550                                           |
| Fax                    | 01732 864788                                           |

#### **1.3 Emergency Telephone Number**

|                           |                                         |
|---------------------------|-----------------------------------------|
| <b>Emergency Phone No</b> | <b>01732 861550 (Office Hours only)</b> |
|---------------------------|-----------------------------------------|

### **2. HAZARDS IDENTIFICATION**

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| <b>2.1 Classification of the substance or Mixture</b> | <b>NOT CLASSIFIED AS HAZARDOUS</b> |
|-------------------------------------------------------|------------------------------------|

#### **2.1 Regulation (EC) No 1272/2008 (CLP)**

#### **2.1 Directive 67/548/EEC & Directive 1999/45/EC**

#### **2.2 Label Elements**

##### **2.2.1 Label Elements – GHS Product Identifier**

|                  |     |
|------------------|-----|
| Hazard Pictogram | N/A |
|------------------|-----|

|                      |     |
|----------------------|-----|
| Signal word(s) Reach | N/A |
|----------------------|-----|

|                    |     |
|--------------------|-----|
| Hazard Statements) | N/A |
|--------------------|-----|

Precautionary Statement(s) N/A

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients    | EINECS No | CAS NO     | % W/W | SYMBOL | RISK PHRASES |
|--------------------------|-----------|------------|-------|--------|--------------|
| Fatty Alcohol Ethoxylate |           | 68439-46-3 | <2.5  | Xn     | R22 & R41    |
| Amylase Enzyme           | 232-565-6 | 9000-90-2  | <1    | Xn     | R42          |
| Protease Enzyme          | 232-991-2 | 9080-56-2  | <1    | Xn     | R42          |

| Non-Hazardous Ingredients                       | EINECS No | CAS NO | % W/W | SYMBOL | RISK PHRASES |
|-------------------------------------------------|-----------|--------|-------|--------|--------------|
| Bacteria Species (Non Pathogen) 1 x 100ml/cfu/g |           | NA     | <5    |        |              |

#### 4.1 Description of First Aid Measures

##### (Symptoms)

Inhalation

Skin Contact

Eye Contact

Ingestion

Additional Information

With normal use should not present a hazard

May cause irritation and an allergic reaction

May cause mild irritation

May cause irritation to the mouth, throat and digestive tract

Symptomatic treatment

#### 4.2 Description of First Aid Measures (Actions)

Inhalation

If affected, remove to fresh air, keep warm and rest. Obtain medical attention in severe cases.

Skin Contact

Immediately remove all contaminated clothing. Wash skin with soap and water. In severe cases obtain medical help.

Eye Contact

Rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists.

Ingestion

Do not give anything by mouth to an unconscious person.

Wash mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell. Always launder contaminated clothes before re-use.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Suitable Extinguishing Media

Product not flammable

Water spray, foam, sand, dry power or CO<sub>2</sub>

### 5.2 Special Hazards arising from the substance or mixture

Exposure Hazards

In combustion emits toxic fumes

### 5.3 Advice for Fire-Fighters

Full protective equipment including self-contained respiratory protection equipment for Fire-Fighters

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing. See Section 8 of SDS Bunding.

### 6.2 Environmental Precautions

### 6.3 Methods and material for containment

And cleaning up

Small spills can be handled with a mop and water. Larger spills should be contained with sawdust and disposed of under local authority regulations.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling

Avoid eye contact and prolonged skin contact

### 7.2 Conditions for safe storage, including any Incompatibilities

Keep in original container

### 7.3 Specific End Use(s)

Keep tightly closed when not in use. Do not store below 5°C or above 30°C

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

## Workplace Exposure Limits

| State | 8 Hour TWA | 15 min STEL | Respirable Dust | 8 Hour TWA | 15 min STEL |
|-------|------------|-------------|-----------------|------------|-------------|
|-------|------------|-------------|-----------------|------------|-------------|

### 8.2 Exposure Controls

|                        |                                                      |
|------------------------|------------------------------------------------------|
| Engineering Methods    | Not necessary under normal usage                     |
| Respiratory Protection | Not necessary under normal usage                     |
| Hand Protection        | Wear Protective Gloves (Butyl or Polyvinyl Chloride) |
| Eye Protection         | Wear safety goggles                                  |
| Skin Protection        | Wear suitable protective overalls                    |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

| Form                  | Liquid         |
|-----------------------|----------------|
| Odour                 | Slight/Neutral |
| Colour                | Green          |
| Viscosity             | Not Applicable |
| pH (Value)            | 7-8            |
| Density (g/ml)        | 1.004 approx   |
| Boiling Point         | >100°C         |
| Flash Point           | N/A            |
| Melting Point         | <0°C           |
| Pour Point (°C)       | <0°C           |
| Auto Ignition Temp    | Not Applicable |
| Vapour Pressures      | Not Applicable |
| Solubility (water)    | Soluble        |
| Solubility (other)    | N/A            |
| Partition Coefficient | N/A            |
| Flammable Limits      | N/A            |
| Oxidising Props       | N/A            |

## 10. STABILITY AND REACTIVITY

|                                         |                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------|
| 10.1 Reactivity                         | Not expected to be reactive                                              |
| 10.2 Chemical Stability                 | Stable under normal conditions                                           |
| 10.3 Possibility of hazardous reactions | No polymerisation reaction expected                                      |
| 10.4 Conditions to avoid                | Extremes of temperature                                                  |
| 10.5 Incompatible materials             | Strong oxidising/reducing agents. Strong acids, alkalies or disinfectant |
| 10.6 Hazardous decomposition products   | Burning produces Oxides of Carbon                                        |

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects

|                              |                                              |
|------------------------------|----------------------------------------------|
| Toxicity Values              | No data. Expected to be of very low toxicity |
| Relevant Effects for Mixture | No data.                                     |

### 11.2 Symptoms/Routes of Exposure

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Skin Contact | May cause slight/mild irritation to sensitive skin with prolonged contact          |
| Eye Contact  | May cause mild irritation                                                          |
| Ingestion    | May cause irritation to the mouth, throat, digestive tract. May also cause nausea. |
| Inhalation   | Mist may irritate the respiratory system                                           |

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

|                  |                          |
|------------------|--------------------------|
| Eco Toxic Values | Not expected to be Toxic |
|------------------|--------------------------|

### 12.2 Persistence & Degradability

The surfactant(s) used in this preparation comply(ies) with the biodegradable criteria as laid down in Regulation (EC) No 648/2004 on Detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to the direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative Potential

No bioaccumulation potential

### 12.4 Mobility in Soil

Readily absorbed into soil

### 12.5 Results of PBT and vPvB Assessment

Does not contain PBT or VPvB substances

### 12.6 Other Adverse Effects

Negligible Ecotoxicity

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| Disposal Operations   | Dispose of in accordance with Local Authority Guidelines and Regulations |
| Disposal of Packaging | Dispose of in accordance with Local Authority Guidelines and Regulations |

**NB The Users attention is drawn to the possible existence of Regional or National Regulations regarding Disposal.**

#### 14. TRANSPORT

14.1 UN Number Not regulated for Transport

14.2 UN Proper Shipping Name

14.3 Transport Hazard Class(es)

ARD/RID : Class  
IMDG : Proper Shipping Name  
IATA : Proper Shipping Name

14.4 Packing Group

14.5 Environmental Hazards

Environment Hazard No  
Marine Pollutant No

#### 15. REGULATORY INFORMATION

This Preparation was classified in Compliance with the following  
Directions and Regulations.

Regulation (EC) No 1907/2006 of the European Parliament of the Council of 18 December 2006 concerning the Registration, Evaluation Authorisation and Restriction of Chemicals (REACH) and amendments thereof up to and including Regulation (EU) No 453/2010.

Regulation (EC) No 1272 of the European Parliament of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

15.1 Hazardous Ingredients

Hazard Symbol N/A  
EEC Classification N/A  
Other Provisions

The Regulatory information given above only indicates the principal regulations specifically applicable to the product described in this Safety Data Sheet. The User's attention is drawn to the possible existence of additional provisions which complete these Regulations. Refer to all applicable national, international and local regulations or provisions.

Risk Phrases

N/A

Safety Phrases

S2 Keep out of the Reach of Children  
S24/25 Avoid Contact with Skin & Eyes  
S46 If swallowed, seek medical advice immediately and show this COSHH sheet to Medical Staff.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for the substance or mixture by the supplier.

## 16. OTHER INFORMATION

### 16.1 Phrases used in Section 2 and 3

|                |                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------|
| Risk Phrases   | R22 Harmful if swallowed<br>R41 Risk of serious damage to eyes<br>R42 May cause sensitisation by inhalation. |
| Safety Phrases | N/A                                                                                                          |

### 16.2 Other Information

#### CLP Label Elements

|                         |     |
|-------------------------|-----|
| Hazard Pictogram(s) CLP | N/A |
|-------------------------|-----|

#### Legal Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is at all times the responsibility of the User to take all necessary measures to comply with legal requirements and local regulations. Trichem South Limited shall not be held liable for any damage resulting from handling or from contact with the above product.