

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

Emergency Phone No	01732 861550 (Office Hours only)
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or Mixture	NOT CLASSIFIED AS HAZARDOUS
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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
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Signal word(s) Reach	N/A
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Hazard Statements)	N/A
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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 CO₂

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	8 Hour TWA	15 min STEL
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Respirable Dust

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
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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 R41 Risk of serious damage to eyes R42 May cause sensitisation by inhalation.
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Safety Phrases	N/A
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16.2 Other Information

CLP Label Elements

Hazard Pictogram(s) CLP	N/A
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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.