



MATERIAL SAFETY DATA SHEET

Conforms to EU Directive 91/155

1 IDENTIFICATION OF SUBSTANCE



PRODUCT DETAILS

TRADE NAME: Enro-Waste Treat
PRODUCT CODE: Enro-Waste Treat
APPLICATION OF THE SUBSTANCE: Biotechnological treatment for Septic Tanks and Chemical Toilets.

Manufacturer/Supplier:

EnroChem Trading DMCC
Jewellery & Gemplex Building
DMCC, Dubai

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Emergency contact: Max Roux

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2 COMPOSITION/INFORMATION ON COMPONENTS



Preparation: Preparation of non-pathogenic bacteria, ecologically and environmentally acceptable surfactants, fragrance, dye and water.

Chemical Name: Proprietary Blend

Hazardous Components: None

Synonyms: N/A

Risk Phrases: R36, R66

3 HAZARDS IDENTIFICATION



Main Hazard: Irritancy

Flammability: Not Flammable

Chemical Hazard: None

Biological Hazard: None

Reproductive Hazard: None

Health Eyes: Concentrated product may cause eye irritation.

Health Skin: Concentrated product may cause skin irritation.

Health Ingestion: May cause upset stomach. Seek medical attention.

Health Inhalation: No irritation should occur.

Carcinogenic: Not Carcinogenic.

Mutagenic: Not Mutagenic.

Neurotoxicity: Not Neurotoxic.



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4 FIRST AID MEASURES



General Information: No special measures required.

Eye Exposure: Rinse opened eye for several minutes under running water.

Dermal Exposure: Immediately wash with soap and water and rinse thoroughly.

Inhalation Exposure: Supply fresh air; consult doctor in case of symptoms.

Oral Exposure: Do not induce vomiting. Seek immediate medical attention.

5 FIRE FIGHTING MEASURES



Extinguishing Media: Carbon dioxide, Dry Powder, Foam or Water Spray

Special Hazards: None

Protective Clothing: Full Protective clothing to be worn.

6 ACCIDENTAL RELEASE MEASURES



Personal Safety Precautions: Wear protective clothing (PVC Apron/Gloves & Eye Protection).

Measures for Environmental Protection: Concentrate should be sufficiently diluted before allowed to be discharged into water courses.

Measure for Cleaning/ Collecting: Absorb with liquid-binding material (sand, sawdust, cotton waste, etc.).

Smaller amounts of contaminated binding material can be disposed of with municipal waste.

7 HANDLING AND STORAGE



HANDLING

Information for Safe Handling: No special measures required.

Information about protection against explosion & fire: No special measures required.

STORAGE

Requirements to be met by storerooms and containers: No special requirements.

Information about storage in a common storage facility: Store away from acidic material.

Further information about storage conditions: Protect from frost. Protect from heat and direct sunlight.

STORAGE CLASS

Classification according to regulation on inflammable liquids (VbF): None.



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8 EXPOSURE CONTROLS & PERSONAL PROTECTION



Additional information about design of technical systems: No further data; see item 7.

Components with critical values that require monitoring at the workplace: This product does not contain any relevant quantities of materials with critical values which require monitoring at the workplace.

Additional information: Information valid at the time of review of MSDS.

PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals.

Eyes: Safety glasses recommended during refilling.

Body: Protective work clothing.

Respiratory: Not required.

Hands: Protective gloves.

Feet: Safety boots/ shoes.

9 PHYSICAL & CHEMICAL PROPERTIES



Physical State: Slightly Viscous Liquid

Odour: Fruity/ Fresh Mint

Appearance: Dark Blue

Melting Point: N/A

Boiling Point: N/A

Flash Point : > 100°C

Oxidizing Properties: None

Explosive Properties: Not Explosive

Vapor Pressure: Not Determined

Relative Density (@ 25°C): 0.98-1.05 g/cm³

Solubility (Water): Soluble in Water

pH @ 25°C (Concentrate): 5.50 - 6.50 (pH of Dilutions to be determined by User of Conc.)

Organic Solvent Content: None

Solids Content: N/A

% Active: N/A

10 STABILITY & REACTIVITY



Stability: This product is stable.

Conditions to Avoid: Excessive heat (+40°C) and freezing. Repeated freezing and thawing.

Minimum Shelf Life: 12 months from date of manufacture.

Incompatible Material: Oxidising Agents and Acids.

Dangerous Products of Decomposition: None if used as recommended.



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11 TOXICOLOGICAL INFORMATION



ACUTETOXICITY

LD/LC50 values that are relevant for classification: N/A

Skin Contact: May have degreasing effect on prolonged contact.

Eye Contact: Irritant effect.

Sensitisation: No sensitising effect known.

Chronic Toxicity: None.

Carcinogenicity: Not Carcinogenic.

Mutagenicity: Not Mutagenic.

Reproductive Hazards: None.

Neurotoxicity: Not Neurotoxic.

12 ECOLOGICAL INFORMATION



AQUATIC TOXICITY

96hr Fish LC50: 100-300 mg/L

48hr Daphnia LC50: 100-200mg/L

72hr Algae LC50: 160mg/L

Biodegradability: Primary degradation > 90%. Complies with EEC Objectives
73/404/EEC on biodegradation of Surfactants.

Bio-accumulation: Not likely to occur.

Mobility: Not known.

German wkg.: None.

ADDITIONAL ECOLOGICAL INFORMATION

AOX Indication: The product does not contain substances, which can influence the AOX of waste water.

Heavy metals and compounds (according EEC guideline NO. 76/464 EEC): None

13 DISPOSAL CONSIDERATIONS



DISPOSAL METHOD

Always consult local legislative bylaws. If in doubt hand over to a specifically authorized hazardous waste treatment plant.

CONTAMINATED PACKAGING

Recommendation: Packaging can be reused or recycled after cleaning.

Recommended cleaning agent: Water, if necessary with cleaning agent.



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14 TRANSPORT INFORMATION



UN No.: N/A
Substance Identity No.: N/A
ADR/RID Class:
ADR/RID Item No.: N/A
ADR/RID Hazard ID No.: N/A
IMDG - Shipping Name: N/A
IMDG - Class: N/A
IMDG - Packaging Group: N/A
IMDG - Marine Pollutant: N/A
IMDG - EMS No.: N/A
IMDG - MFAG Table No.: N/A
IATA - Shipping Name: N/A
IATA - Class: N/A
IATA - Subsidiary Risks: None
ADNR - Class: N/A
UK - Description: N/A
UK - Emergency Action Class: N/A
UK - Classification: N/A
Tremcard No.: N/A

15 REGULATORY INFORMATION



DESIGNATION ACCORDING TO EEC GUIDELINES

EEC Hazard Classification: Irritating. X1.

Risk phrases: R36 - Irritating to the eyes.

R66 - Repeated exposure may cause skin dryness or cracking.

Safety phrases: S25;S26 - In case of contact with eyes, rinse with water for 15 minutes.

National Regulations: None Available. Observe the normal safety regulations when handling chemicals.

Classification according to VbF: None

Water Hazard Class: Non-hazardous for water (in diluted form).



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16 OTHER INFORMATION



NOTICE TO READER

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Data Specification sheet issued by: EnroChem Trading DMCC

Contact: Max Roux

