



MATERIAL SAFETY DATA SHEET

Conforms to EU Directive 91/155

1 IDENTIFICATION OF SUBSTANCE



PRODUCT DETAILS

TRADE NAME: ENVIRO-908NS
PRODUCT CODE: ENVIRO-908NS

Manufacturer/Supplier:

EnroChem Trading DMCC
Jewellery & Gemplex Building
DMCC, Dubai

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2 COMPOSITION/INFORMATION ON COMPONENTS



CAS No. N/A - Proprietary Blend

Synonyms: Fatty Alcohol Polyglycol Ether

3 HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW

Irritant: Irritating to eyes, respiratory system, and skin.

HMIS Rating

Health: 2

Flammability: 0

Reactivity: 0

NFPA Rating

Health: 2

Flammability: 0

Reactivity: 0

For additional information on toxicity, please refer to Section 11.

4 FIRST AID MEASURES



Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Dermal Exposure: In case of contact, immediately wash skin with soap and copious amounts of water.

Eye Exposure: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.



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5 FIRE FIGHTING MEASURES



Flash Point: > 200 °C Method: closed cup

Autoignition Temp: N/A

Flammability: N/A

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

6 ACCIDENTAL RELEASE MEASURES



Procedure(s) of Personal Precaution(s): Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Methods for Cleaning Up: Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pick-up is complete.

7 HANDLING AND STORAGE



HANDLING

User Exposure: Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed.

8 EXPOSURE CONTROLS & PERSONAL PROTECTION



ENGINEERING CONTROLS

Mechanical exhaust required. Safety shower and eye bath.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Government approved respirator.

Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

General hygiene measures: Wash thoroughly after handling.



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9 PHYSICAL & CHEMICAL PROPERTIES



Appearance Physical State: Liquid
Colour: Clear water white to very pale straw yellow
Average Molecular Mass: - ca. 600 - 620
pH: 6.00 - 8.00
Concentration: 100 g/l
BP/BP Range: > 100 °C 760 mmHg
Vapor Pressure: < 1 mmHg 20 °C
Vapor Density: N/A
Flash Point - Organic Components: > 200 °C
Method: closed cup
Solubility: Solubility in Water: Soluble

10 STABILITY & REACTIVITY



STABILITY

Stable: Stable.

Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION



ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Eye Contact: Causes eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract.

Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

TOXICITY DATA

Oral Rat 1000 mg/kg LD50

Remarks: Gastrointestinal: Ulceration or bleeding from stomach.

Gastrointestinal: Other changes.

Liver: Fatty liver degeneration.



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12 ECOLOGICAL INFORMATION



ACUTE ECOTOXICITY TESTS

Test Type: EC50

Algae Species: Selenastrum capricornutum resp.

Value: <10 mg/l

Test Type: EC50

Daphnia Species: Daphnia magna

Time: 48 h

Value: 5 - 10 mg/l

Test Type: LC50

Fish Species: Cyprinus carpio

Time: 96 h

Value: 1 - 5 mg/l

Test Type: LC50

Fish Species: Other fish

Time: 96 h

Value: 1 - 5 mg/l

13 DISPOSAL CONSIDERATIONS



APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Contact a licensed professional waste disposal service to dispose of this material.

14 TRANSPORT INFORMATION



NOT REGULATED

15 REGULATORY INFORMATION



Label for supply: Irritant.

Risk phrases: Avoid direct contact as the product may irritate skin, eyes and mucous membranes.

Safety phrases: Avoid contact with skin and eyes. Do not ingest. Avoid breathing vapours over a long period.



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

