



Published on: 01/12/2010
Reviewed on: 10/01/2023

Ecwa NS906

MATERIAL SAFETY DATA SHEET

1 IDENTIFICATION OF SUBSTANCE

PRODUCT DETAILS | TRADE NAME: Ecwa NS906
PRODUCT CODE: FecEcwa NS906

Manufacturer/Supplier:

Ecwamix Chemical Systems (Pty) Ltd
3 Granville Avenue Lea Glen Roodepoort, Gauteng South Africa

Information

Tel: (o/h) +27 011 472 2256 Fax: +27 011 472 2121
E-mail: ecwamix@netactive.co.za

Emergency contact:

Office hours: 011 472 2256

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.



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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.

5 FIRE FIGHTING MEASURES

Flash point: > 200 deg. 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.



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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.

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: > 200deg. C



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9 PHYSICAL & CHEMICAL PROPERTIES

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: 5 - 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 - 10 mg/l

Test Type: LC50 Fish

Species: other fish

Time: 96 h

Value: 1 - 10 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.



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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: Ecwamix Chemical Systems

Contact: Patrick Roux