

MATERIAL SAFETY DATA SHEET
ECO FOAM A-Side

1. PRODUCT DESCRIPTION

PRODUCT NAME:
ECO FOAM A-Side

2. HAZARDOUS INGREDIENTS:

CAS Number	Content (W/W)	
108-01-0	1% <5%	2-diphenylaminoethanol
107-21-1	0.1% <1%	ethyleneglycol

3. HAZARDOUS SUMMARY:

Emergency overview

Contains a suspect teratogen
Irritating to eyes, respiratory system and skin.

Potential health effects

Acute toxicity:

May cause gastrointestinal disturbances.

Irritation:

Irritating to eyes, respiratory system and skin.

Sensitization:

Skin sensitizing effects were not observed in animal studies. The substance did not cause skin sensitization in humans.

Repeated dose toxicity:

The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Potential environmental effects

Aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations

4. FIRST-AID MEASURES

General advice:

Remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

Ecolink Products Group, Inc.

Environmentally Easy on the Earth

280 Nelson Street, Suite 226, Vancouver, BC V6B2E2

Phone: 604-270-0480 Fax: 604-270-0448

www.ecolinkgroup.com

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

If swallowed:

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention.

Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

5. FIRE-FIGHTING MEASURES

Flash point: > 93.3 °C (Unspecified)

Suitable extinguishing media:

water, dry extinguishing media, carbon dioxide, foam

Hazards during fire-fighting:

No particular hazards known.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

Cleanup:

Sweep/shovel up. Place into suitable containers for reuse or disposal in a licensed facility.

7. HANDLING AND STORAGE

Handling

General advice:

Avoid contact with skin and eyes. Product should not be mixed with air above atmospheric pressure for leak testing or any other purpose. Use dry nitrogen to transfer or leak test equipment pressurized with product.

Protection against fire and explosion:

No explosion proofing necessary.

Storage

General advice:

No special precautions necessary. Avoid extreme heat. Store protected against freezing.

Storage stability:

Protect against moisture

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:

Impermeable protective clothing

General safety and hygiene measures:

Wash soiled clothing immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Odour:	Mild
Odour Threshold:	No data available.
Colour:	Brown
Density:	Approx. 1 g/cm ³

10. STABILITY AND REACTIVITY

Conditions to avoid:

Avoid moisture.

Hazardous reactions:

The product is chemically stable.

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide

Corrosion to metals:

No corrosive effect on metal.

11. TOXICOLOGICAL INFORMATION

Skin irritation:

rabbit: non-irritant (Draize test)

Eye irritation :

rabbit: Slightly irritating. (Draize test)

Chronic toxicity

Genetic toxicity:

In the majority of tests performed (bacteria/microorganisms/cell cultures) a mutagenic effect was not found.

A mutagenic effect was also not observed in in-vivo assays.

Developmental toxicity/teratogenicity:

Contains a suspect teratogen.

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12. ECOLOGICAL INFORMATION

Environmental fate and transport

Biodegradation:

Evaluation: Readily biodegradable (according to OECD criteria).

Environmental toxicity

Acute and prolonged toxicity to fish:

EPA 72-1 static

Fathead minnow/LC50 (96 h): > 10,000 mg/l

Toxicity to aquatic plants:

Green algae/EC50 (96 h): 6,500 - 13,000 mg/l

Toxicity to microorganisms:

DIN 38412 Part 8 bacterium/EC10 (16 h): > 10000 mg/l

13. DISPOSAL CONSIDERATIONS

Waste disposal of substance:

Incinerate in a licensed facility.

Do not discharge substance/product into sewer system

14. TRANSPORT INFORMATION

Land transport

TDG: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations.

15. REGULATORY INFORMATION

Federal Regulations

Registration status:

DSL, CA released / listed

WHMIS classification: D2A: Materials Causing Other Toxic Effects - Very toxic material

D2B: Materials Causing Other Toxic Effects - Toxic Material

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THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.