



**PINELAND ENVIRONMENTAL TECHNOLOGY (PTY) LTD**

Tel: (021) 531-3749 Fax: (021) 531-3903

## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT IDENTIFICATION : Product Identification - ENVIRO-140

A high foaming, pH neutral, clear liquid designed to be used for a wide range of bilge cleaning applications.  
Main raw material: 34590-94-8

Manufacturer/Supplier: Pineland Environmental Technology (Pty) Ltd.  
23 Acacia Way, Pinelands, 7405

Tel: 021-531 3749 Fax: 021-531 3903

Emergency telephone number: 082 464 1074

### 2. COMPOSITION / INFORMATION ON INGREDIENTS :

Synperonics, oxitols, amines, sulphonates, water

### 3. HAZARD IDENTIFICATION :

This product is not hazardous according to EEC criteria.

### 4. FIRST AID MEASURES :

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

EYES: Flush eyes with excess water and seek medical advice.

SKIN : Although pH neutral, avoid prolonged contact with product. If contact occurs, wash off in flowing water or shower.

INGESTION : Induce vomiting if large amounts are ingested. Consult medical advice.

INHALATION: There should be no adverse effect from inhalation, however, if a reaction does occur, remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified person. Call a physician or transport to medical facility.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.

### 5. FIRE FIGHTING MEASURES :

Extinguishing media: Water fog, carbon dioxide, alcohol resistant foam, dry chemicals.

Hazardous combustion products: None known.

Protection of firefighters: Wear positive-pressure self contained breathing apparatus and protective fire fighting clothing.

### 6. ACCIDENTAL RELEASE MEASURES :

Personal precautions: Wear adequate protective clothing.

Environmental precautions: Prevent contamination of surface and ground water.

Methods of cleaning up: Soak up small spills with absorbent material, remove with rubber shovel and collect for disposal. For large spills dike and pump into appropriate containers.

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## 7. HANDLING AND STORAGE :

As with all cleaning chemicals protective apparel should be worn at all times.

Do not store this product in open sunshine. Keep containers tightly closed.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTIVE EQUIPMENT :

RESPIRATORY PROTECTION : Use NIOSH approved respirator with alkaline vapour cartridges only if adequate ventilation is not available.

PROTECTIVE GLOVES : Rubber or Plastic.

EYE PROTECTION : Splash goggles or face shield.

## 9. PHYSICAL AND CHEMICAL PROPERTIES :

BOILING POINT –  $\pm 98^{\circ}\text{C}$

FREEZING POINT –  $\pm -5^{\circ}\text{C}$

PH 7-9

APPEARANCE -- Clear Fluid

WATER SOLUBILITY – Miscible in all proportions

COLOUR -- Blue

SPECIFIC GRAVITY --  $\pm 1.00$  ( $20^{\circ}\text{C}$ )

FLASH POINT – None

ODOUR – Slight

## 10. STABILITY AND REACTIVITY :

Stable under normal storage conditions. Avoid oxidising agents.

## 11. TOXICOLOGICAL INFORMATION :

Single dose oral toxicity is very low. Small amounts swallowed, incidental to normal handling operations are not likely to cause injury. Swallowing larger amounts larger than that may cause injury.

Skin absorption is low. Prolonged skin contact with very large amounts may cause drowsiness.

Signs and symptoms of excessive repeated exposure may be anaesthetic or narcotic effects.

May cause slight irritation to the eyes. Corneal injury is unlikely.

## 12. ECOLOGICAL INFORMATION :

Aquatic Toxicity – Fish

Aquatic Toxicity – Daphnia

Aquatic Toxicity – Algae

Biodegradability

Bio-Accumulation

Mobility

German WGK

Fish LC50-no labelling required.

Water flea LC 50-no labelling required.

Algae EC50-no labelling required.

Readily biodegradable with extremely low toxicity figure of LD 50 (oral) rat 5359 mg/kg

None

n/a

n/a

## 13. DISPOSAL CONSIDERATIONS

Reuse spilled material if possible, otherwise check with local landfill requirements. Product is not regarded a hazardous material.

## 14. TRANSPORTATION INFORMATION :

The product is not regulated as a hazardous material.



#### 15. OTHER INFORMATION :

This information and recommendations in this safety data sheet are to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or otherwise. In all cases, it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular purpose.