

# Material Safety Data Sheet

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Issue date: April 2010

## ENVIROCLEANER

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name: ENVIROCLEANER**

**Use:** GENERAL PURPOSE CLEANER

**CHEMETALL (NEW ZEALAND) LTD**  
**664 ROSEBANK ROAD, AVONDALE, AUCKLAND, NEW ZEALAND.**  
**PH 64-9-820-3888 FAX 64-9-820-3979**

**Emergency Advice All Hours:**

In New Zealand ph. 64 (09) 820 3888 in business hours, (64) 021 703418

### 2. HAZARDS IDENTIFICATION

**HAZARDOUS ACCORDING TO ERMA CRITERIA: HSR002530 Cleaning products (subsidiary hazard)**

**NOT HAZARDOUS ACCORDING TO NZS 5433:2007 LAND TRANSPORT**

**HAZARD CLASSIFICATIONS & STATEMENTS**

6.3B Substances that are skin irritants

6.4A Substances that are eye irritants

**PRECAUTION STATEMENTS**

WARNING: Causes mild skin irritation

WARNING: Causes eye irritation

Keep only in original container.

Wash thoroughly after handling.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<b>SUBSTANCE NAME</b>	<b>Proportion</b>	<b>CAS Number</b>
DISODIUM METASILICATE	< 5%	6834-92-0
CHELATING AGENTS	1 to 10%	Non-Haz
SURFACTANTS-NONIONIC	1 to 10%	9005-64-5
SURFACTANTS-CATIONIC	1 to 10%	Mixture
D-LIMONENE	1 to 10%	5989-27-5
ETHOXY PROPANOL	1 to 10%	1569-02-4

All other ingredients not hazardous according to ERMA Criteria.

### 4. FIRST AID MEASURES

IF INHALED: Remove to fresh air

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Seek medical attention if irritation occurs.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing,

IF ON SKIN OR HAIR, remove immediately all contaminated clothing. Rinse skin with water/shower, Wash contaminated clothing before re-use.

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### First Aid Facilities:

Normal wash room facilities.

### Advice to Doctor:

Treat symptomatically.

**In case of poisoning, contact NZ National Poisons Centre Tel: 0800 764 766**

## 5. FIRE-FIGHTING MEASURES

### Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Nil

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

**HAZCHEM CODE:** None allocated

### FLAMMABILITY

This material is not a flammable or combustible liquid.

## 6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously

## 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Standards

No exposure standards have been assigned by NZ OSH for this product or any of the components.

### Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

### Personal Protection Equipment

GLOVES: PVC or rubber.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of mist. Select and use respirators in accordance with AS/NZS 1715/1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Green liquid
<b>Boiling Point :</b>	>100 deg.C.
<b>Specific Gravity:</b>	1.06
<b>Flash Point:</b>	None

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**Flammability Limits:** None  
**Solubility in Water:** Soluble

**Other Properties**  
pH 100% 13

### 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable under normal conditions of use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Emits smoke and fumes when heated to decomposition.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**INCOMPATIBILITIES:**

None applicable.

**CONDITIONS TO AVOID:**

Heat, flames, ignition sources

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

**ACUTE HEALTH EFFECTS:**

**Swallowed:**

Will cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

**Eye:**

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

**Skin:**

May cause irritation to the skin, with effects including; Redness and itchiness.

**Inhalation of mist:**

May cause irritation to the nose, throat and respiratory system.

**Chronic:**

Prolonged or repeated skin contact may lead to dermatitis.

**Toxicological Data:**

There is no other toxicological information available for this product.

### 12. ECOLOGICAL INFORMATION

There is no ecological information available for this product, however, the product should not be discharged into natural waterways or storm water

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### 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### 14. TRANSPORT INFORMATION

**UN Number:** None allocated  
**Proper Shipping Name:** NONE ALLOCATED  
**Dangerous Goods Class:** None allocated  
**Packing Group:** None allocated

### 15. REGULATORY INFORMATION

**HAZARDOUS ACCORDING TO ERMA CRITERIA:** HSR002530 Cleaning products (subsidiary hazard)

**NOT HAZARDOUS ACCORDING TO NZS 5433:2007 LAND TRANSPORT**

### 16. OTHER INFORMATION

**Date of Preparation:**

Issue date: 6/09/2010

**Key Legend Information:**

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]  
TWA - Time Weighted Average [Int]  
STEL - Short Term Exposure Limit [Int]  
EPA - Environmental Protection Agency [Int]  
NIOSH - National Institute for Occupational Safety and Health [US]  
AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]  
EU - European Union

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

**Disclaimer**

This MSDS summarizes our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

**Principal References:**

Information supplied by manufacturer, reference sources including the public domain.

**END OF MSDS**