



Material Safety Data Sheet

Page 1 of 5

Issue date: February 2010

Eraclean

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Eraclean

Synonym: None

Use: Polyurethane Cleaning Product

Era Polymers Pty Ltd
25-27 Green Street
East Botany NSW 2019
Australia
Ph: +61 2 9666 3788
Fax: +61 2 9666 4805

Emergency Advice All Hours:
Technical Manager +61 2 9666 3788

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

Hazard Category: None allocated

Hazard Classification: NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

RISK PHRASES

None allocated.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

Poison Schedule: None allocated [Aust].

Warning Statement:

Avoid skin and eye contact.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
PROPRIETARY CLEANING PRODUCT	Greater than 60%	Proprietary

All other ingredients not hazardous according to NOHSC Criteria.

4. FIRST AID MEASURES

Swallowed:

If swallowed, rinse mouth with water. Give a glass of water to drink. If vomiting occurs, give further water. Seek medical assistance.

Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap. Seek medical attention if irritation occurs or persists after washing.



Material Safety Data Sheet

Page 2 of 5

Issue date: February 2010

Eraclean

Inhaled:

Remove victim to fresh air. Apply resuscitation if victim is not breathing. If trained personnel available administer oxygen if breathing is difficult. Seek medical advice if effects persist.

First Aid Facilities:

Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

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

HAZARDOUS DECOMPOSITION PRODUCTS: On burning will emit toxic fumes, including those of oxides of carbon.

FIRE FIGHTING PROCEDURES: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

EXTINGUISHING MEDIA: Use water fog (or, if unavailable, water spray), foam, dry agent (carbon dioxide, dry chemical powder). Use water spray to cool fire-exposed containers and for large fires.

HAZCHEM CODE: None allocated [Aust]

FLAMMABILITY

Combustible liquid - Store in accordance with dangerous goods

6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

7. HANDLING AND STORAGE

HANDLING ADVICE:

Avoid skin and eye contact.

STORAGE ADVICE:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials (refer to Section 10 Stability and Reactivity). Keep containers closed, when not using the product. Store in original packages as approved by manufacturer. Do not eat, drink or smoke in the workplace.

Classified as a C2 Combustible Liquid for the purposes of storage and handling, in accordance with the requirements of AS1940.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards have been assigned by [NOHSC] for this product or any of the components:

PROPRIETARY CLEANING PRODUCT

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

Eraclean

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. If exhaust ventilation is not available or inadequate, use approved respirator to Australian Standards. Keep containers closed when not in use.

Personal Protection Equipment

CLOTHING: Wear appropriate protective clothing such as overalls to prevent skin contact.

GLOVES: Wear impervious gloves to prevent skin contact.

EYES: Wear safety glasses with side shields or chemical goggles to protect eyes.

RESPIRATORY PROTECTION: If respiratory protection is required, select and use respirators in accordance with AS/NZS 1715/1716. The use of a respirator for organic vapours with (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless liquid
Boiling Point Melting Point:	BP: Not determined, MP: -15°C
Vapour Pressure:	<0.001kPa @ 20°C
Specific Gravity:	1.13 @ 20°C
Flash Point:	>190°C
Flammability Limits:	Not determined
Solubility in Water:	Miscible with water

Other Properties

Solubility in other solvents: miscible with most organic solvents, immiscible with aliphatic hydrocarbons.

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits oxides of carbon when heated to decomposition.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong oxidizing agents.

CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.

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:

No adverse effects expected, however, large amounts may cause nausea and vomiting.

Eye:

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



Material Safety Data Sheet

Page 4 of 5

Issue date: February 2010

Eraclean

Skin:

May cause irritation to the skin, with effects including: redness and itchiness. Will have a degreasing action on the skin.

Inhaled:

May cause respiratory irritation with effects including: dizziness, headache and loss of co-ordination.

Chronic:

Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Toxicological Data:

There is no other toxicological information available for this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

There is no information available for this material.

Mobility:

There is no information available for this material.

Persistence / Degradability:

There is no information available for this material.

Chemical Fate Information:

There is no ecological information available for this material, however, large quantities should not be discharged into drains, sewers or waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

Road Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: None allocated

Air Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: None allocated

Sea Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: None allocated



Material Safety Data Sheet

Page 5 of 5

Issue date: February 2010

Eraclean

15. REGULATORY INFORMATION

Poison Schedule: None allocated [Aust]

Inventory Status:

Inventory	Status
Australia (AICS)	Y

Y = all ingredients are on the inventory.

16. OTHER INFORMATION

Date of Preparation:

Issue date: 10 February 2010

Supersedes: May 2005

Reasons for Update:

First Issue

Key Legend Information:

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

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]

AS/NZS 1716 - Respiratory protective devices. [Aust/NZ]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]

EU - European Union

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

Removal of the heading of *Poison Schedule [Aust]*, in section 3 and 15 of this Material Safety Data Sheet (MSDS) makes this a valid health and safety document in other international jurisdictions/countries. For full compliance please contact your Federal, State or Local regulators for further information.

Disclaimer

This MSDS summarises 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