

Safety Data Sheet

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Issue date: January 2015

TERGOSTRIP BO

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TERGOSTRIP BO

Use: Paint Stripper

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 [24 hour]

2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO ERMA CRITERIA

Hazard Category: GROUP STANDARD: Metal Industry Products(Corrosive, Toxic[6.7])

Hazard Class(s)

- 6.1D Substances that present a low acute toxicity risk
- 6.6B Substances that are possible mutagens
- 6.7B Substances that are suspected carcinogens
- 6.8C Substances that have harmful affects on or via lactation
- 6.9B Substances that are target organ systemic toxicants
- 8.1A Substances that are corrosive to metal
- 8.2B Substances that are moderately corrosive to skin
- 8.3A Substances that are corrosive to eyes
- 9.3C Substances that are slightly harmful to terrestrial vertebrates

HAZARD STATEMENTS

DANGER : Causes skin burns and serious eye damage
WARNING: Harmful with skin, inhaled or swallowed
WARNING : Suspected of causing genetic defects
WARNING : Suspected of causing cancer
WARNING : May cause damage to organs through prolonged or repeated exposure
WARNING: May cause harm to breast-fed children
WARNING: Corrosive to metals.
Harmful to terrestrial vertebrates

PRECAUTION STATEMENTS

Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well-ventilated area
Do not eat, drink or smoke when using this product, Wash hands thoroughly after handling.
Obtain special instructions before use, Do not handle until all safety precautions have been read and understood.
Avoid contact during pregnancy/while nursing
Keep only in original container.
Do not breathe dust or mist.
Do not release to the environment. Collect spillage
If exposed or concerned: Get medical attention/advice.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE NAME | Proportion | CAS Number |
|-----------------|------------|------------|
| PHENOL | 1 to 10% | 108-95-2 |
| DICHLOROMETHANE | > 60% | 75-09-2 |
| FORMIC ACID | 1 to 10% | 64-18-6 |

All other ingredients not hazardous according to ERMA Criteria.

4. FIRST AID MEASURES

Swallowed:

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth

Eye:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

Skin:

IF ON SKIN OR HAIR ,remove immediately all contaminated clothing. Rinse skin with water/shower, Wash contaminated clothing before re-use, Immediately call a POISON CENTRE or doctor/physician

Inhaled:

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or doctor/physician. Specific treatment is urgent

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Centre 0800 764 766

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If product is exposed to excessive heat, decomposition may occur, releasing noxious, corrosive and toxic fumes of chlorine and phosgene

HAZCHEM CODE: 2XE

FLAMMABILITY

Containers may explode when heated.

Runoff may pollute waterways.

Fire will produce irritating, toxic and / or corrosive gases.

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6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION (LARGE SPILL):

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas.

SPILL OR LEAK PROCEDURE:

Trained personnel should wear personal protective equipment as highlighted in this SDS. Stop leak if you can do it without risk. Water spray may reduce vapour

SMALL SPILLS:

Take up with sand, dirt or vermiculite. DO NOT use sawdust. Place into labelled drum(s) for later disposal.

LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Tell them EXACT location, type of vehicle/container, deaths/injuries and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

7. HANDLING AND STORAGE

Store tightly closed, in a cool place and out of direct sunlight. Store locked up. Store away from sources of heat or ignition, strong alkalis, acids and oxidizing agents. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by NZ Dept. of Labour to the following components of the product:

PHENOL

NZ WES [TWA]1 ppm 4 mg/m³

Carcinogen Category: A4

DICHLOROMETHANE

NZ WES [TWA]50 ppm 174 mg/m³

Carcinogen Category: 3

FORMIC ACID

NZ WES [TWA]5 ppm 9.4 mg/m³

[STEL]10 ppm 19 mg/m³

Engineering Controls

Toxic and corrosive liquid . Single significant exposure may cause death. Maintain adequate ventilation at all times. Prevent accumulation of gas(es) in hollows or sumps. DO NOT enter room unless monitored by another person (ie buddy-buddy system). Sampling of the atmosphere if possible should be conducted automatically instead of human operator and any leaks discovered should then be directed digitally to a

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command centre where the event can be acted upon, with all appropriate procedures being implemented and including any protective equipment as outlined in this SDS.

Personal Protection Equipment

CLOTHING: PVC, PVA or any other type of apron or splash suit as recommended by the manufacturer.

GLOVES: PVC, PVA or any other type of glove as recommended by the manufacturer.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels.

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: | Thick opaque cream |
| Boiling Point Melting Point: | 48C |
| Vapour Pressure: | 350 mm Hg |
| Specific Gravity: | 1.2 |
| Flash Point: | Nil |
| Flammability Limits: | Nil |
| Solubility in Water: | Nil |
| pH: | 2 |
| Odor: | Sharp ether like |

Other Properties

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hydrogen chloride, phosgene

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong alkalis and oxidizing agents.

CONDITIONS TO AVOID:

Heat will cause pressure in unvented containers

11. TOXICOLOGICAL INFORMATION

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

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ACUTE HEALTH EFFECTS:

Swallowed:

Harmful if swallowed.

May 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:

Will cause severe irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.

Skin:

Harmful by skin contact.

Will cause mild to severe burns to the skin, depending on duration.

Inhaled:

Harmful if inhaled.

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

Chronic:

Product may also be absorbed through the skin with resultant toxic effects.

Prolonged or repeated exposure may lead to irreversible damage to health.

Additional information for Chronic

DICHLOROMETHANE has been classified as a CATEGORY 3 CARCINOGEN (WORKSAFE).

Substances suspected of having carcinogenic potential are those substances which have possible carcinogenic effects on humans but in respect of which the available information is not adequate for making a satisfactory assessment. There is some evidence from appropriate animal or epidemiological studies, but this is insufficient to place the substance in Category 2.

Toxicological Data:

NON-LETHAL IRREVERSIBLE EFFECTS AFTER A SINGLE EXPOSURE

This substance is capable of causing serious irreversible effects after a single exposure and is

determined to be a hazardous substance.

Such irreversible effects can include central nervous system effects, kidney necrosis liver lesions, anaemia or paralysis.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data is available for this product, however, the following data is published by ERMA for the following components of the product:

DICHLOROMETHANE

LD50: Rat: 1410mg/kg

PHENOL

SPECIES: *Oncorhynchus mykiss* (Fish, fresh water)

TYPE OF EXPOSURE: Flow through

DURATION: 96 hr

ENDPOINT: LC50

VALUE: 8.9 mg/l

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Persistence / Degradability:

PHENOL

Rapidly Degradable: Yes
Inoculum: activated sludge
Concentration: 100 mg/l related to Test substance
Degradation: = 85 % after 14 day
Result: readily biodegradable

Biocumulative: No
Species: other: Brachydanio alburnus
Exposure period: 15 hour(s) at 25 degree C
Concentration: 2 mg/l
BCF: = 17.5
Elimination: yes
Method: OECD Guide-line 305 E "Bioaccumulation: Flow-through Fish Test"

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be disposed of in accordance with Hazardous Substances (Disposal) Regulations 2001

DISPOSAL RECOMMENDATIONS

The only acceptable method of disposal is through a licensed waste contractor.

14. TRANSPORT INFORMATION

Road Transport

UN Number: 2927

Proper Shipping Name: TOXIC LIQUID, CORROSIVE, ORGANIC,N.O.S.

Dangerous Goods Class: 6.1 sub. 8

Packing Group: II

15. REGULATORY INFORMATION

Hazard Category: GROUP STANDARD: Metal Industry Products(Corrosive, Toxic[6.7])

Refer to the Group Standard document for further information.

16. OTHER INFORMATION

Date of Preparation:

Issue date: 01/01/2015

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]

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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 SDS 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 SDS 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 SDS