

Material Safety Data Sheet

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Issue date: September 2010

Tergospense

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TERGOSPERSE

Use: Degreaser

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

Hazard Category: GROUP STANDARD: Cleaning products (subsidiary hazard) HSR002530

Hazard Class(s)

- 6.1D Substances that present a relatively low acute toxicity risk
- 6.3B Substances that are skin irritants
- 6.4A Substances that are eye irritants
- 6.6B Substances that are possible mutagens
- 6.7B Substances that are suspected carcinogens
- 6.8C Substances that have harmful effects on or via lactation
- 6.9B Substances that are target organ systemic toxicants
- 9.3C Substances that are slightly harmful to terrestrial vertebrates

HAZARD STATEMENTS

- WARNING : Causes mild skin irritation
- WARNING : Causes serious eye irritation
- WARNING : Toxic in contact 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
- Harmful to aquatic life with long lasting effects
- 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 vapours/spray.
- 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
Solvent naphtha (petroleum) heavy aromatic	30 to 60%	64742-94-5

All other ingredients not hazardous according to ERMA Criteria.

4. FIRST AID MEASURES

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor/physician.

IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If irritation persists call a POISON CENTRE or doctor.

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

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell call a POISON CENTRE or doctor/physician.

First Aid Facilities:

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

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre ph: 0800 764766

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 and toxic fumes.

HAZCHEM CODE: Nil

FLAMMABILITY

Not classed as flammable

Containers may explode when heated.

Runoff may pollute waterways.

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

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:

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

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SMALL SPILLS:

Take up with sand, dirt or vermiculite. Place into labelled drum(s) for later disposal.

LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Contain spill. Safely stop flow of spill. Bund area. 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 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:

Solvent naphtha (petroleum) heavy aromatic

(NZ WES)

[TWA]17 ppm (100 mg/m³)

Carcinogen Category: limited evidence of carcinogenic effect

Engineering Controls

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system (explosion proof) or half mask respirator with suitable organic vapour cartridge should be considered.

Personal Protection Equipment

No special equipment needed when handling small quantities. In an industrial environment with large quantities involved, safety glasses, PVC gloves and safety footwear are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown thin liquid
Boiling Point Melting Point:	100°C
Vapour Pressure:	Not established for mixture
Specific Gravity:	0.9
Flash Point:	94°C
Flammability Limits:	Nil
Solubility in Water:	Emulsifies

Other Properties

pH (neat): approx 10.4

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits smoke and fumes when heated to decomposition.

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HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

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:

Harmful if swallowed.

May cause burns 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 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

Solvent naphtha (petroleum) heavy aromatic 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.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment

Mobility:

Disperses in water

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Persistence / Degradability:

The components are rapidly degradable by photochemical reaction. has the potential to bioaccumulate

Chemical Fate Information:

This substance may cause long term adverse effects in the environment.

Do not allow to enter natural water ways

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Road Transport

UN Number: Nil

Proper Shipping Name: Nil

Dangerous Goods Class: Nil

Packing Group: Nil

15. REGULATORY INFORMATION

HAZARDOUS ACCORDING TO ERMA CRITERIA

NOT HAZARDOUS ACCORDING TO NZS 5433:2007 (Transport of Dangerous Goods On land)

GROUP STANDARD: Cleaning products (subsidiary hazard) HSR002530.

Refer to this group standard on ERMA website for controls that may apply.

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 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

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