

**TOLCIDE® PS75****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER****Product Name: TOLCIDE® PS75****Other Names:** None**Recommended Use:** Biocides.*Intended for industrial use only.**For further information, refer to the product technical data sheet.***MANUFACTURER / SUPPLIER:**

RHODIA CHEMICALS PTY. LTD.

ACN 004 449 870

ABN 80 004 449 870

44 Real Avenue,

Norman Park, QLD. 4170

PO Box 1452 Coorparoo QLD. 4151 Australia

TEL: +61 7 38752888 FAX: +61 7 38752156

RHODIA NEW ZEALAND LIMITED

1 Bush Street, Levin New Zealand

TEL: +64 6 368 9372 FAX: +64 6 368 2071

**EMERGENCY CONTACT NUMBER:**

FOR EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CONTACT:

TEL: 1 800 033 111 [Australia] / 0800 734 607 [New Zealand] / +61 3 9663 2130 [International Callers] / +65 3103 1074 [Singapore/Asia Pacific]

**2. HAZARDS IDENTIFICATION****AUSTRALIAN CLASSIFICATION**

Classified as hazardous according to the criteria of Safe Work Australia Council (SWAC).

**Hazard Category: - TOXIC ( T )****- DANGEROUS FOR THE ENVIRONMENT ( N )****Hazard Classification:** HAZARDOUS SUBSTANCE, DANGEROUS GOODS.**Risk Phrases:**

R23 Toxic by inhalation

R22 Harmful if swallowed.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R61 May cause harm to the unborn child.

R50 Very toxic to aquatic organisms.

**Safety Phrases:**

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 Avoid contact with skin.

S53 Avoid exposure - obtain special instructions before use.

S61 Avoid release to the environment. Refer to special instruction/Safety Data Sheet.



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75**

---

---

**Poison Schedule (Australia):** Not scheduled.

NOTE: The SUSDP No. 24 June 2009 Appendix A provides a General Exemption from scheduling for "ALGICIDES, BACTERIOCIDES OR SLIMICIDES for industrial use that do not fit the definition of an agvet chemical product."

**Signal Word:** None allocated.

**Further data:**

Possible damage to liver following repeated or prolonged exposure by ingestion. Very toxic to aquatic organisms. NO particular fire or explosion hazard.

**Specific hazards:**

According to EC regulations, this product is classified as:

- TOXIC.
- TOXIC TO REPRODUCTION, Category 2.
- SENSITIZING.
- IRRITANT.
- DANGEROUS FOR THE ENVIRONMENT.

**NEW ZEALAND CLASSIFICATION**

Classified as Dangerous Goods according to NZS 5433:2007 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

**HSNO Classification:**

6.1C(oral), 6.5B(contact), 8.2C, 8.3A, 9.1A(fish), 9.1A(crustacean), 9.1A(algal), 9.3B

**Signal Word:** DANGER

**Hazard Statements:**

- H301 Toxic if swallowed.
- H317 May cause an allergic skin reaction.
- H314 Causes severe skin burns and eye damage.
- H400 Very toxic to aquatic life.

**Precautionary Statements:****Prevention:**

- P104 Read Safety Data Sheet before use.
- P264 Wash hands thoroughly after handling.
- P260 Do not breath vapours
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing *should* not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P273 Avoid release to the environment.

**Response:**

- P301+P310 IF SWALLOWED immediately call a POISON CENTRE or doctor/physician.
- P301+P330+P331 IF SWALLOWED, rinse mouth, do NOT induce vomiting
- P303+P361+P353 IF ON SKIN (or hair) Remove/Take off immediately all contaminated clothing and rinse skin with water/shower
- P302+P352 IF ON SKIN, wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs, get medical advice/attention.



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75**

P305+P351+P338 IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.  
 P304+P340 IF INHALED remove to fresh air and keep at rest in a position comfortable for breathing.  
 P310 Immediately call a POISON CENTRE or doctor/physician.  
 P363 Wash contaminated clothing before re-use.  
 P391 Collect spillage.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of waste material through a licensed contractor.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>SUBSTANCE NAME</b>	<b>Proportion</b>	<b>CAS Number</b>
TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM SULPHATE	> 60%	55566-30-8
WATER	10 - 30%	7732-18-5

**4. FIRST AID MEASURES****Ingested:**

NEVER attempt to induce vomiting. Do not give anything to drink. Always obtain medical attention immediately. Show this sheet to the doctor.

**Eye:**

If contact with the eye(s) occurs, flush the eye with copious amounts of water for at least 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Remove contact lenses, if present and easy to do so. Continue rinsing. Always obtain medical advice immediately, even if there are no symptoms. Show this sheet to the doctor.

**Skin:**

Remove all contaminated clothing and footwear. Wash with soap and water. Wash immediately and thoroughly for a prolonged period (at least 15 minutes). In case of inflammation (redness, irritation, ...) obtain medical attention.

**Inhaled:** Move the person away from the contaminated area. Make the affected person rest. Obtain medical attention. Show this sheet to the doctor.

**Aggravated Medical Conditions Caused by Exposure.**

Skin contact may aggravate existing skin disease.

**First Aid Facilities:**

Emergency equipment and first-aid box with instructions should be readily available. Safety shower and eye fountain as collective emergency equipment.

**Advice to Doctor:**

Treat symptomatically. No specific antidote available.

All treatment should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.



Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.

## TOLCIDE® PS75

**Further information:**

Establish a first aid action plan before using this product. Use appropriate protective equipment when treating a contaminated person. Use first aid techniques to restore vital functions. Place contaminated clothing in a sealed bag for disposal.

**Poisons Information:**

For advice, contact a Poisons Information Centre (e.g. phone Australia 13 1126; New Zealand 0800 764 766) or a doctor (at once).

### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

- **Suitable:** All extinguishing agents can be used (water, foam, powders, carbon dioxide, sand ...).
- **Not suitable:** None. If there is a fire close by, use suitable extinguishing agents.

**Hazards from Combustion Products:**

Under fire conditions, toxic gases or vapours are released. Decomposes at temperatures above 160 °C. On combustion or on thermal decomposition (pyrolysis) releases toxic gases or vapours of (Sulphur oxides).(Phosphorus oxides).(Carbon oxides (CO + CO<sub>2</sub>)).(Phosphine)(Hydrogen).

**Precautions for Fire Fighters and Special Protective Equipment:**

Toxic gases or vapours are released. Do not breathe fumes. If safe to do so, move undamaged containers from fire area. Stay upwind. Evacuate the personnel away from the fumes. If possible to do so safely, shut off fuel to fire. In case of fire close by, cool down the containers/equipment exposed to heat with a water spray.

Fire fighters to wear self-contained breathing apparatus (SCBA) and full protective clothing.

**Hazchem Code:** 2X

**Flammability:**

This product is not a flammable or combustible liquid. Decomposes at temperatures above 160 °C.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures****Personal Precautions:**

Do not breathe spray. Avoid contact with eyes, skin and respiratory system. If spillage occurs on the public highway, indicate the danger and notify the authorities (police, fire brigade ). Use full protective clothing and equipment. For further information refer to section 8 "Exposure-controls/personal protection".

**Environmental Precautions:** Prevent the product from spreading into the environment. Contain the spilled material by bunding.

**Methods and Materials for Containment and Clean Up Procedures:**

- **Recovery:** Recover as much of the product as possible. Absorb the product onto porous material. Transfer the product into a spare container:
  - suitably labelled. Then take the emergency containers to an area reserved for subsequent recycling or disposal.
- **Neutralisation:** Absorb spillage with diatomaceous earth, sand or inert absorbent.
- **Cleaning/Decontamination:** Wash non-recoverable remainder with large amounts of water. Recover the cleaning water for subsequent disposal.
- **Disposal:** Place in an appropriate container and dispose of the contaminated material at a licensed site. (Refer to Section 13 "Disposal Considerations").



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75****Dangerous Goods - Initial Emergency Response Guide (IERG) (SAA/SNZ HB76)**

Guide 36: TOXIC LIQUID, ORGANIC, N.O.S.

**7. HANDLING AND STORAGE****Precautions for Safe Handling****Technical measures:** Ventilation**Measures:** This product must only be handled by skilled operators.

Avoid exposure: Work in a well-ventilated area. Avoid forming aerosols. Avoid the formation of mists in the atmosphere. Do NOT handle without gloves. For further information refer to section 8 "Exposure-controls/personal protection".

**Safe handling advice:** Obtain special instructions before use. Handle and use in accordance with good occupational hygiene and safety practice. Do not mix with incompatible materials (See list in Section 10). When mixed with additives (for example surfactants, dispersants, antifoams), the toxicity by inhalation may be increased. Please contact Rhodia Product Stewardship for advice.

**Conditions for Safe Storage**

Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

Store in a cool, dry area away from incompatible products.

**Incompatible products:** Strong reducing agents. Strong oxidizing agents. Strong acids. Strong bases.

**Packaging:** Polyethylene or polypropylene drums. (high density)

**Packaging materials:** Recommended: Plastic materials (polyethylene, polypropylene). (high density)

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****National Exposure Standards:**

No exposure standards assigned to this specific material by the Safe Work Australia Council (SWAC), or the New Zealand Occupational Safety & Health Service (OSH).

**Biological Limit Values:**

Not established.

**Engineering Controls:**

Avoid splashes (appropriate clothing, protective screens on machines etc.)

Ensure good ventilation of the work station. Reduce exposure time to the minimum necessary.

**Personal Protection Equipment:****Eye/Face Protection:**

Safety glasses with side shields, or splash-proof chemical goggles, and a full-face shield. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection:**

Wear chemical-resistant protective gloves of impervious material. Protective gloves must be chosen according to the function of the work station: other chemicals which may be handled, physical protection necessary (resistance to cutting, puncture, heat), dexterity required. The selection of gloves must take into account the extent and duration of use at the workstation.

Glove material : Protective gloves made of PVC.



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75**

Thickness : 1.23 mm  
 Breakthrough time : >480 minutes  
 Protection class : 6  
 Glove material: Nitrile protective gloves  
 Thickness: 1.23 mm  
 Breakthrough time: >480 minutes  
 Protection class: 6  
 (Unpublished internal reports)

Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Skin and Body Protection:** Wear suitable protective clothing, gloves and eye/face protection.

**Respiratory Protection:** Avoid breathing of vapours/mists. If mist is formed: Respiratory protective device with a particle filter. If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Correct fit is essential to obtain adequate protection. 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. Final choice of appropriate respiratory protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

**Selection Criteria:** Protective equipment must be chosen according to current AS/NZS standards and in cooperation with the supplier of protective equipment. Personal protective equipment must be defined after risk assessment for the workstation.

**Collective emergency equipment:** Personal protective equipment available close by in case of emergency. Safety shower and eye fountain.

**Workplace Hygiene Measures:**

Use clean and correctly maintained personal protective equipment. Keep personal protective equipment in a clean place, away from the work area.

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Do NOT eat or drink in the workplace.

**Further information:** The user is responsible for monitoring the working environment in accordance with local laws and regulations.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Colourless to pale yellow liquid with characteristic odour.
<b>pH:</b>	3 - 6
<b>Freezing Point:</b>	< -20 °C
<b>Boiling Point:</b>	108.5 °C (Normal pressure: 1013 hPa).
<b>Flash Point:</b>	Not applicable.
<b>Oxidizing properties:</b>	Not applicable



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75**

<b>Vapour Pressure:</b>	<0.0000026 hPa @ 25 °C (Dry product).
<b>Specific Gravity:</b>	1370 - 1410 kg/m <sup>3</sup> @ 20 °C
<b>Solubility in Water:</b>	Miscible (in all proportions).
<b>Solubility in organic solvents:</b>	Soluble in: methanol, n-methyl pyrrolidone, isopropanol. Insoluble in: acetone, tetrahydrofuran.
<b>Octanol/water partition coefficient:</b>	- 9.8 (log POW) (evaluation by structure-activity relationship)

**10. STABILITY AND REACTIVITY****Chemical Stability:**

Stable under normal storage and handling conditions. Decomposes at temperatures above 160 °C.

**Hazardous Decomposition Products:**

Under fire conditions, toxic gases or vapours are released. Decomposes at temperatures above 160 °C. On combustion or on thermal decomposition (pyrolysis) releases toxic gases or vapours of (Sulphur oxides).(Phosphorus oxides).(Carbon oxides (CO + CO<sub>2</sub>)).(Phosphine)(Hydrogen).

**Hazardous Reactions:**

Hazardous Polymerization will not occur.

**Incompatible Materials:**

Strong bases.  
Strong reducing agents.  
Strong acids.  
Strong oxidising agents.

**Conditions to Avoid:**

Decomposes above 160 °C.

**11. TOXICOLOGICAL INFORMATION****Acute Health Effects:****Ingested:**

Harmful if swallowed. Swallowing can result in nausea and vomiting. May cause irritation to mouth, throat and stomach. Possible damage to liver following repeated or prolonged exposure by ingestion.

**Eye:**

Risk of serious damage to eyes. Will cause severe irritation to the eyes with effects including watering of the eyes (tearing), pain, corneal opacity and blurred vision. If prompt action is not taken permanent eye damage may occur. Risk of serious damage to eyes.

**Skin:**

May cause sensitisation by skin contact. May cause irritation to the skin, with effects including redness, itchiness and drying/defatting.

**Inhaled:**

Toxic by inhalation. NOT considered to be irritating to the respiratory system.

**Main Symptoms:** Lachrymatory effect (watering of the eyes).

**Acute Toxicity:**

LC 50 inhalation (Rat) / 4 h : 0.591 mg/l. for males and females

Toxic by inhalation. (Published data).



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*



**TOLCIDE® PS75**

---

---

LD 50 skin (Rat) : > 2000 mg/kg. for males and females  
Not classified as harmful by contact with skin  
(Unpublished internal reports)

LD 50 oral (Rat): 575 mg/kg. for males and females  
Harmful if swallowed.  
(Unpublished internal reports)

**Irritation - Skin:**

According to OECD method 404:  
Not irritating to rabbits on cutaneous application. (Unpublished internal reports)

**Irritation - Eyes:**

Acute Symptoms: Watering of the eyes.

According to OECD method 405 :  
Extremely irritating to rabbits on ocular application.  
Risk of serious damage to eyes. (Unpublished internal reports)

**Sensitisation - Skin:**

May cause sensitisation on contact with skin. (Unpublished internal reports)

**Repeated Dose Toxicity:**

on ingestion  
Repeated dose toxicity (90 days)(Rat)  
for males and females  
Hepatotoxic effects.  
No observed effect level (NOEL) : 1 mg/kg/day (Unpublished internal reports)

**Carcinogenicity:**

Oral toxicity tests on rats and mice did not reveal any carcinogenic potential. (Published data).

**Mutagenicity:**

Ames test.  
(S. typhimurium) (with or without metabolic activation). Negative. (Unpublished internal reports)

Chromosomal aberrations :  
Mammalian cells (CHO) In vitro (with or without metabolic activation). Positive. (Unpublished internal reports)

In vitro  
UDS test (Rat) Negative. (Unpublished internal reports)

Mouse lymphoma test/TK. (with or without metabolic activation). Positive. (Unpublished internal reports)

Rodent dominant Lethal test (Rat) In vivo Negative. (Unpublished internal reports)  
In vivo micronucleus test (Mouse) Negative. (Unpublished internal reports)

Product is not considered to be genotoxic.





**TOLCIDE® PS75****Reproductive Toxicity:**

Fertility study (2 generations)(Rat) no impairment of fertility has been observed on ingestion (Unpublished internal reports)

Developmental toxicity study: on ingestion (Rat) NOEL, maternal toxicity : 15 mg/kg/day NOEL, foetal Toxicity : 30 mg/kg/day (Unpublished internal reports)

Developmental toxicity study: on ingestion(Rabbit) NOEL, maternal toxicity : 18 mg/kg/day NOEL, foetal toxicity : 18 mg/kg/day Effects on development were observed  
May cause harm to the unborn child. (Unpublished internal reports)

**Neurotoxicity:**

Screening biochemistry test kit for cholinesterase activity inhibition.  
The product does not induce inhibition.

**12. ECOLOGICAL INFORMATION****Ecotoxicity:**

LC 50 (Fish: Oncorhynchus mykiss) / 96h: 119 mg/l.

LC 50 (Fish: Lepomis macrochirus) / 96h: 93 mg/l.

EC 50 (Daphnia: Daphnia magna)/48 h: 19.4 mg/l.

EC 50 (Fresh water algae: Pseudokirchneriella subcapitata) / 96h : 0.20 mg/l.

EC 50 (Bacteria : Activated sludge) / 3 hr(s) : 24 mg/l

Very toxic to aquatic organisms tested. (Unpublished internal reports)

**Persistence / Degradability****Persistence**

Product is not persistent.

**Degradability:**

Abiotic degradation

- Other physico-chemical reactions: Product is easily oxidisable in aqueous media in dilute solutions.

**Biodegradability:**

- Ultimate aerobic biodegradability: Simulation study:

70% biodegradation after 21days (US EPA FIFRA, Subdivision N, § 162-4)

Readily biodegradable.

- Anaerobic biodegradation. Simulation study: 60% biodegradation after 30 days (US EPA FIFRA, Subdivision N, § 162-3)

**Mobility:**

Adsorption/Desorption: Log Koc = 2.2

Moderately mobile in soils.

Ultimate destination of the product: WATER

**Bio-accumulation:**

**Octanol/water partition coefficient:** - 9.8 (log POW) (evaluation by structure-activity relationship). Not potentially bioaccumulable.

**Further Information:** M factor = 1 [according to the Globally Harmonized System (GHS) and the 2nd Adaptation to Technical Progress of Directive 1999/45/EC]

**Avoid contaminating waterways, drains or sewers**

*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75****13. DISPOSAL CONSIDERATIONS****RESIDUES FROM PRODUCT**

**Prohibition:** Do NOT discharge waste into drains.

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations. Dispose of this product as hazardous waste. Incinerate at a licensed installation.

**CONTAMINATED PACKAGING**

**Decontamination/cleaning:** Take preliminary precautions based on the dangerous properties of the product. Empty the packaging completely prior to disposal.

**Destruction/Disposal:** Depending on local facilities, recycle or incinerate the packaging at an authorised site.

NOTE: The user's attention is drawn to the possible existence of local regulations regarding disposal.

**14. TRANSPORT INFORMATION**

**UN Number:** 2810

**Proper Shipping Name:** TOXIC LIQUID, ORGANIC, N.O.S. (Aqueous Solution of Tetrakis(hydroxymethyl)phosphonium sulphate)

**Dangerous Goods Class:** 6.1

**Subsidiary risk:** None allocated

**Packing Group:** III

**Hazchem Code:** 2X

**AUSTRALIA****Road and Rail Transport: (Australia)**

Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous Goods of Class 6 (Toxic and Infectious Substances) are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 3, Flammable Liquids, if the Class 3 dangerous goods are nitromethane
- Class 8, Corrosives, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids

And are incompatible with food and food packaging in any quantity.

Class 6 materials that are fire-risk substances are incompatible with Class 5 materials.

**NEW ZEALAND****Land Transport: (New Zealand)**

Classified as Dangerous Goods Class 6.1 (Toxic and Infectious Substances) according to NZS 5433:2007 Transport of Dangerous Goods on Land.

Dangerous Goods of Class 6 must not be loaded in the same freight container or on the same vehicle with the following:

- Class 1, Explosives
- Foodstuffs or Food Containers

Dangerous Goods of Class 6 must not be loaded in the same freight container with the following; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers:

- Class 5.1, Oxidising Substances
- Class 5.2, Organic Peroxides



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75**

Dangerous Goods of Class 6 must not be loaded in the same freight container or on the same vehicle with the following if transported in segregation devices:

- Class 5.1, Oxidising Substances
- Class 5.2, Organic Peroxides
- Foodstuffs or Food Containers

Note: Cyanides (Class 6.1) of Packing Group II or III may be loaded in the same freight container or on the same vehicle with acids (Class 8).

**INTERNATIONAL REGULATIONS****Land****- Rail/road (RID/ADR)**

UN number: 2810

Proper Shipping Name (Technical Name) : TOXIC LIQUID, ORGANIC, N.O.S. (Aqueous Solution of Tetrakis(hydroxymethyl)phosphonium sulphate)

Labelling: 6.1.

Packing group: III.

ADR tunnel category : (E)

Class/Division : 6.1

Environmentally hazardous mark : YES

Hazard identification number: 60

**Sea (IMO/IMDG)**

UN Number: 2810

Proper Shipping Name (Technical Name) : TOXIC LIQUID, ORGANIC, N.O.S. (Aqueous Solution of Tetrakis(hydroxymethyl)phosphonium sulphate)

Labelling: 6.1.

Packing group: III.

Class/Division : 6.1

Marine pollutant (environmentally hazardous mark) : YES

Emergency schedule (EmS): F-A, S-A.

**Air (ICAO-IATA)**

UN number: 2810

Proper Shipping Name (Technical Name) : TOXIC LIQUID, ORGANIC, N.O.S. (Aqueous Solution of Tetrakis(hydroxymethyl)phosphonium sulphate)

Labelling: 6.1.

Packing group: III.

Class/Division : 6.1

Environmentally hazardous mark : NO

Passenger aircraft : Packing instruction: 611 - Maximum net quantity per package: 60 L

Cargo aircraft : Packing instruction: 618 - Maximum net quantity per package: 220 L

**Further information:** Empty containers which have not been cleaned are subject to the same transport regulations as those which are full.

**NOTE:** The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the SDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75****15. REGULATORY INFORMATION**

**Poison Schedule (Australia):** Not scheduled.

NOTE: The SUSDP No. 24 June 2009 Appendix A provides a General Exemption from scheduling for "ALGICIDES, BACTERIOCIDES OR SLIMICIDES for industrial use that do not fit the definition of an agvet chemical product."

**HSNO Group:** This substance falls under the HSNO Additives, Process Chemicals and Raw Materials (Toxic [6.1], Corrosive) Group Standard 2006.

**HSNO Approval Number:** The HSNO Approval Number for this Group Standard is HSR002510.

**Approved handler requirements**

Substances covered under this Group Standard **will** require an approved handler.

**INVENTORY STATUS:**

<i>Inventory</i>	<i>Status</i>
Australia (AICS)	Y
United States (TSCA)	Y
Europe (EINECS/ELINCS)	Y

Y = all ingredients are on the inventory.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

**Market limitation:** Restrict to professional users. Intended for industrial use only.

**16. OTHER INFORMATION****Reason For Revision:**

- 1) Review against current SWAC / NOHSC and ERMA / HSNO criteria and latest information from manufacturer.
- 2) Changes and / or additions made to all Sections.

The customer is advised to consult the product Technical Data Sheets for further information including advice on suitable equipment.

SDSs are updated frequently. Please ensure that you have a current copy.

**Key Legend Information:**

ACGIH - American Conference of Governmental Industrial Hygienists

AICS - Australian Inventory of Chemical Substances

ASCC - Australian Safety and Compensation Council

CAS - Chemical Abstracts Service

EPA - Environmental Protection Agency [Int]

ERMA - Environmental Risk Management Authority [NZ]

EU - European Union

GHS - United Nations - Globally Harmonized System of Classification and Labelling of Chemicals[Int]

HSNO - Hazardous Substances and New Organisms [NZ]

IACR - International Agency for Research on Cancer

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*

**TOLCIDE® PS75**

IMDG - International Maritime Dangerous Goods [Int]  
IMO - International Maritime Organisation. [Int]  
NTP - National Toxicology Program  
NIOSH - National Institute for Occupational Safety and Health [US]  
NOHSC - National Occupational Health & Safety Commission  
NZIoC - New Zealand Inventory of Chemicals [NZ]  
OSHA - Occupational Safety and Health Administration [US]  
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]  
STEL - Short Term Exposure Limit [Int]  
SWAC - Safe Work Australia Council [Formerly ASCC]  
TWA - Time Weighted Average [Int]  
WES - Workplace Exposure Standard [NZ]  
[Aust/NZ] = Australia/New Zealand  
[Int] = International  
[US] = United States of America

**Principal References:** Safety Data Sheet (SDS) - TOLCIDE®PS75, Issued by Rhodia UK Limited, UK, Date Prepared: 07-04-2010 Version: 7.

<b>Date Prepared:</b> 04 – 07 – 2010	<b>Prepared By:</b> Rhodia Chemicals Pty. Ltd.
<b>Date Superseded:</b> 22 – 07 – 2007	<b>The information herein is given in good faith but no warranty is expressed nor implied.</b>

**END OF SAFETY DATA SHEET**



*Product Specifications, Technical Service and Safety information are issued as a guide to the properties and applications of chemicals supplied by Rhodia. Every care is taken in compiling this information in good faith. No guarantees are made to the reliability or completeness of the information. Rhodia can assume no responsibility incurred, with regard to either results obtained or patent infringement.*