

Safety Data Sheet according to WHS and ADG requirements

Issue Date: 17 June 2023  
Print Date: 6 July 2023

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

Product name **PRIMECHEM - GROUT HAZE REMOVER AND TILE CLEANER**  
Chemical Name  
Synonyms  
Chemical Formula  
Other Means of Identification **Not Available**  
CAS Number

### Relevant identified uses of the substance or mixture and uses advised against

Relevant Identified Uses **CLEANING AGENT - Use according to manufacturer's directions.**

### Details of the supplier of the safety data sheet

Registered Company Name **Primechem PTY LTD**  
Address **37 HARDIMAN STREET, WOODY POINT QLD 4019**  
Telephone **+61 449003053**  
FAX  
Website **www.primechem.com.au/**  
Email **hello@primechem.com.au**

### Emergency telephone number

Organisation **Primechem PTY LTD**  
Emergency Contact Number **000 (from anywhere in Australia)**  
Other Emergency Numbers **13 11 26 (Poisons Information Centre Hotline)**

## SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

**HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.**

### HAZARD RATING

**CLASSIFICATION** Eye Corrosion/Irritation – Category 2  
Skin Corrosion/Irritation Category 1B

### Label elements

GHS LABEL ELEMENTS



SIGNAL WORD

**DANGER**

**SAFETY DATA SHEET - PRIMECHEM GROUT HAZE REMOVER AND TILE CLEANER**
**Hazard statement(s)**

H302 Harmful if swallowed  
 H314 Causes severe skin burns and eye damage.

**Precautionary statement(s) Prevention**

P260 Do not breathe mist/vapours/spray.  
 P264 Wash all exposed external body areas thoroughly after handling.  
 P280 Wear protective gloves, protective clothing, eye protection and face protection.

**Precautionary statement(s) Response**

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/doctor/physician/first aider.  
 P363 Wash contaminated clothing before reuse.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**
**Substances**

CAS #	% w/w	NAME
5329-14-6	< 10	sulphamic acid
77-92-9	10 – 30	Citric acid
50-21-5	<10	DL-lactic acid
64-18-6	<10	Formic Acid
7732-18-5	60 - 70	Water

**Mixtures**

See section above for composition of Substances

**SECTION 4 FIRST AID MEASURES**
**Description of first aid measures**

**Eye Contact** If this product comes in contact with the eyes:  
 Immediately hold eyelids apart and flush the eye continuously with running water.  
 Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.  
 Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.  
 Transport to hospital or doctor without delay.  
 Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin Contact** If skin or hair contact occurs:  
 Immediately flush body and clothes with large amounts of water, using safety shower if available.  
 Quickly remove all contaminated clothing, including footwear.  
 Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre.  
 Transport to hospital, or doctor.

**Inhalation** If fumes or combustion products are inhaled remove from contaminated area.  
 Lay patient down. Keep warm and rested.  
 Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.  
 Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained.  
 Perform CPR if necessary.  
 Transport to hospital, or doctor, without delay.  
 Inhalation of vapours or aerosols (mists, fumes) may cause lung oedema.  
 Corrosive substances may cause lung damage (e.g. lung oedema, fluid in the lungs).  
 As this reaction may be delayed up to 24 hours after exposure, affected individuals need complete rest (preferably in semi-recumbent posture) and must be kept under medical observation even if no symptoms are (yet) manifested.  
 Before any such manifestation, the administration of a spray containing a dexamethasone derivative or beclomethasone derivative may be considered.  
 This must definitely be left to a doctor or person authorised by him/her.  
 (ICSC13719)

**Ingestion** For advice, contact a Poisons Information Centre or a doctor at once.  
 Urgent hospital treatment is likely to be needed.  
 If swallowed do NOT induce vomiting.  
 If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.  
 Observe the patient carefully.  
 Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.  
 Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.  
 Transport to hospital or doctor without delay.

**SAFETY DATA SHEET - PRIMECHEM GROUT HAZE REMOVER AND TILE CLEANER****Indication of any immediate medical attention and special treatment needed**

For acute or short term repeated exposures to strong acids:

Airway problems may arise from laryngeal edema and inhalation exposure. Treat with 100% oxygen initially.

Respiratory distress may require cricothyroidotomy if endotracheal intubation is contraindicated by excessive swelling

Intravenous lines should be established immediately in all cases where there is evidence of circulatory compromise.

Strong acids produce a coagulation necrosis characterised by formation of a coagulum (eschar) as a result of the desiccating action of the acid on proteins in specific tissues.

**INGESTION:**

Immediate dilution (milk or water) within 30 minutes post ingestion is recommended.

DO NOT attempt to neutralise the acid since exothermic reaction may extend the corrosive injury.

Be careful to avoid further vomit since re-exposure of the mucosa to the acid is harmful. Limit fluids to one or two glasses in an adult.

Charcoal has no place in acid management.

Some authors suggest the use of lavage within 1 hour of ingestion.

**SKIN:**

Skin lesions require copious saline irrigation. Treat chemical burns as thermal burns with non-adherent gauze and wrapping.

Deep second-degree burns may benefit from topical silver sulfadiazine.

**EYE:**

Eye injuries require retraction of the eyelids to ensure thorough irrigation of the conjunctival cul-de-sacs. Irrigation should last at least 20-30 minutes. DO NOT use neutralising agents or any other additives. Several litres of saline are required.

Cycloplegic drops, (1% cyclopentolate for short-term use or 5% homatropine for longer term use) antibiotic drops, vasoconstrictive agents or artificial tears may be indicated dependent on the severity of the injury.

Steroid eye drops should only be administered with the approval of a consulting ophthalmologist).

**SECTION 5 FIREFIGHTING MEASURES****Extinguishing media**

Water spray or fog.

Foam.

Dry chemical powder.

BCF (where regulations permit).

Carbon dioxide.

**Special hazards arising from the substrate or mixture**

**Fire Incompatibility** None known.

**Advice for firefighters**

**Fire Fighting** Alert Fire Brigade and tell them location and nature of hazard.  
May be violently or explosively reactive.  
Wear full body protective clothing with breathing apparatus.  
Prevent, by any means available, spillage from entering drains or water courses.  
Consider evacuation (or protect in place).  
Use water delivered as a fine spray to control fire and cool adjacent area.  
Avoid spraying water onto liquid pools.  
DO NOT approach containers suspected to be hot.  
Cool fire exposed containers with water spray from a protected location.  
If safe to do so, remove containers from path of fire.  
Equipment should be thoroughly decontaminated after use.

**Fire/Explosion Hazard** Non combustible.  
Not considered to be a significant fire risk.  
Acids may react with metals to produce hydrogen, a highly flammable and explosive gas.  
Heating may cause expansion or decomposition leading to violent rupture of containers.  
May emit corrosive, poisonous fumes. May emit acrid smoke.  
Decomposition may produce toxic fumes of sulphur oxides (SOx)

**HAZCHEM****SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

See section 8

**Environmental precautions**

See section 12

**Minor Spills** Drains for storage or use areas should have retention basins for pH adjustments and dilution of spills before discharge or disposal of material.  
Check regularly for spills and leaks.  
Clean up all spills immediately.  
Avoid breathing vapours and contact with skin and eyes.  
Control personal contact with the substance, by using protective equipment.  
Contain and absorb spill with sand, earth, inert material or vermiculite.  
Wipe up.  
Place in a suitable, labelled container for waste disposal.

## SAFETY DATA SHEET - PRIMECHEM GROUT HAZE REMOVER AND TILE CLEANER

### Major Spills

**DO NOT touch the spill material**

Clear area of personnel and move upwind.  
Alert Fire Brigade and tell them location and nature of hazard.  
May be violently or explosively reactive.  
Wear full body protective clothing with breathing apparatus.  
Prevent, by any means available, spillage from entering drains or water course.  
Consider evacuation (or protect in place).  
Stop leak if safe to do so.  
Contain spill with sand, earth or vermiculite.  
Collect recoverable product into labelled containers for recycling.  
Neutralise/decontaminate residue (see Section 13 for specific agent).  
Collect solid residues and seal in labelled drums for disposal.  
Wash area and prevent runoff into drains.  
After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.  
If contamination of drains or waterways occurs, advise emergency services.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

**DO NOT allow clothing wet with material to stay in contact with skin**

Avoid all personal contact, including inhalation.  
Wear protective clothing when risk of exposure occurs.  
Use in a well-ventilated area.  
Prevent concentration in hollows and sumps.  
**DO NOT enter confined spaces until atmosphere has been checked.**  
**DO NOT allow material to contact humans, exposed food or food utensils.**  
Avoid contact with incompatible materials.  
**When handling, DO NOT eat, drink or smoke.**  
Keep containers securely sealed when not in use.  
Avoid physical damage to containers.  
Always wash hands with soap and water after handling.  
Work clothes should be laundered separately. Launder contaminated clothing before re-use.  
Use good occupational work practice.  
Observe manufacturer's storage and handling recommendations contained within this SDS.  
Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.  
Store in original containers.  
Keep containers securely sealed.  
Store in a cool, dry, well-ventilated area.  
Store away from incompatible materials and foodstuff containers.  
Protect containers against physical damage and check regularly for leaks.  
Observe manufacturer's storage and handling recommendations contained within this SDS.

### Conditions for safe storage, including any incompatibilities

#### Suitable container

**DO NOT use aluminium or galvanised containers**

Check regularly for spills and leaks  
Glass container is suitable for laboratory quantities  
Plastic pail.  
Polyliner drum.  
Packing as recommended by manufacturer.  
Check all containers are clearly labelled and free from leaks.  
Where combination packages are used, and the inner packages are of glass, porcelain or stoneware, there must be sufficient inert cushioning material in contact with inner and outer packages unless the outer packaging is a close fitting moulded plastic box and the substances are not incompatible with the plastic..

#### Storage incompatibility

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**
**Control parameters**
**OCCUPATIONAL EXPOSURE LIMITS (OEL)**
**INGREDIENT DATA**

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
No ingredient data available						

**EMERGENCY LIMITS**

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
No emergency limits available				

**Ingredient  
No Data Available**

Original IDLH	Revised IDLH

**MATERIAL DATA**
**Exposure controls**
**Appropriate engineering controls**

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use.

Employers may need to use multiple types of controls to prevent employee overexposure.

Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.

If in spite of local exhaust an adverse concentration of the substance in air could occur, respiratory protection should be considered.

Such protection might consist of:

- (a): particle dust respirators, if necessary, combined with an absorption cartridge;
- (b): filter respirators with absorption cartridge or canister of the right type;
- (c): fresh-air hoods or masks.

Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.

**Personal protection**


Safety glasses with side shields. Chemical goggles.

Safety glasses with unperforated side shields may be used where continuous eye protection is desirable, as in laboratories; spectacles are not sufficient where complete eye protection is needed such as when handling bulk-quantities, where there is a danger of splashing, or if the material may be under pressure.

Chemical goggles whenever there is a danger of the material coming in contact with the eyes; goggles must be properly fitted.

Full face shield (20 cm, 8 in minimum) may be required for supplementary but never for primary protection of eyes; these afford face protection.

Alternatively a gas mask may replace splash goggles and face shields.

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]

Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739, AS/NZS 2161.1 or national equivalent).

When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. Some glove polymer types are less affected by movement and this should be taken into account when considering gloves for long-term use. Contaminated gloves should be replaced. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended. Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present. polychloroprene. nitrile rubber. butyl rubber. fluorocautchouc. polyvinyl chloride. Gloves should be examined for wear and/ or degradation constantly.

**SAFETY DATA SHEET - PRIMECHEM GROUT HAZE REMOVER AND TILE CLEANER**
**Other protection**

Overalls.  
 P.V.C. apron.  
 Barrier cream.  
 Skin cleansing cream.  
 Eye wash unit.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**
**Information on basic physical and chemical properties**
**Appearance**

Water white liquid; mixes with water

Physical state	Liquid	Relative Density (Water = 1)	1.25 @ 20°C
Odour	Acrid / Acidic	Partition co-efficient n-octanol / water	Not Available
Odour Threshold	Not Available	Autoignition Temperature	Not Available
pH (as supplied)	1 - 2	Decomposition Temperature	Not Available
Melting Point / Freezing Point (°C)	Not Available	Viscosity	1 cSt @ 20°C
Initial Boiling point and boiling range (°C)	110°C	Molecular Weight	Not Applicable
Flash Point (°C)	Not Applicable	Taste	Not Applicable
Evaporation Rate	Not Determined	Explosive Properties	Not Available
Flammability	Not Flammable	Oxidizing Properties	Non Oxidising
Upper Explosive Limit (UEL %)	Not Applicable	Surface Tension (mN/m)	Not Determined
Lower Explosive Limit (LEL %)	Not Applicable	Volatile Component	Approx. 95%
Vapour pressure (kPa)	Not Available	Gas Group	Not Applicable
Solubility in water (g/L)	Miscible	pH as a solution (1%)	1 - 2
Vapour density (Air = 1)	Not Determined	VOC g/L	Not determined

**SECTION 10 STABILITY AND REACTIVITY**

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	Strong Acid! Contact with alkaline material liberates heat
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

**SECTION 11 TOXICOLOGICAL INFORMATION****Information on toxicological effects**

**Inhaled** Evidence shows, or practical experience predicts, that the material produces irritation of the respiratory system, in a substantial number of individuals, following inhalation. In contrast to most organs, the lung is able to respond to a chemical insult by first removing or neutralising the irritant and then repairing the damage. The repair process, which initially evolved to protect mammalian lungs from foreign matter and antigens, may however, produce further lung damage resulting in the impairment of gas exchange, the primary function of the lungs. Respiratory tract irritation often results in an inflammatory response involving the recruitment and activation of many cell types, mainly derived from the vascular system.

Acidic corrosives produce respiratory tract irritation with coughing, choking and mucous membrane damage. Symptoms of exposure may include dizziness, headache, nausea and weakness. In more severe exposures, pulmonary oedema may be evident either immediately or after a latent period of 5-72 hours. Symptoms of pulmonary oedema include a tightness in the chest, dyspnoea, frothy sputum and cyanosis. Examination may reveal hypotension, a weak and rapid pulse and moist rates. Death, due to anoxia, may occur several hours after onset of the pulmonary oedema. Inhalation hazard is increased at higher temperatures.

Inhalation of aerosols (mists, fumes), generated by the material during the course of normal handling, may be harmful.

**Ingestion** Ingestion of acidic corrosives may produce circumoral burns with a distinct discolouration of the mucous membranes of the mouth, throat and oesophagus. Immediate pain and difficulties in swallowing and speaking may also be evident. Oedema of the epiglottis may produce respiratory distress and possibly, asphyxia. Nausea, vomiting, diarrhoea and a pronounced thirst may occur. More severe exposures may produce a vomitus containing fresh or dark blood and large shreds of mucosa. Shock, with marked hypotension, weak and rapid pulse, shallow respiration and clammy skin may be symptomatic of the exposure. Circulatory collapse may, if left untreated, result in renal failure. Severe cases may show gastric and oesophageal perforation with peritonitis, fever and abdominal rigidity. Stricture of the oesophageal, gastric and pyloric sphincter may occur as within several weeks or may be delayed for years. Death may be rapid and often results from asphyxia, circulatory collapse or aspiration of even minute amounts. Delayed deaths may be due to peritonitis, severe nephritis or pneumonia. Coma and convulsions may be terminal.

**Skin Contact**

Skin contact with acidic corrosives may result in pain and burns; these may be deep with distinct edges and may heal slowly with the formation of scar tissue. Reactions may not occur on exposure but response may be delayed with symptoms only appearing many hours later. Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

**Eye**

When applied to the eye(s) of animals, the material produces severe ocular lesions which are present twenty-four hours or more after instillation. Direct eye contact with acid corrosives may produce pain, lachrymation, photophobia and burns. Mild burns of the epithelia generally recover rapidly and completely. Severe burns produce long-lasting and possible irreversible damage. The appearance of the burn may not be apparent for several weeks after the initial contact. The cornea may ultimately become deeply vascularised and opaque resulting in blindness.

**Chronic**

Repeated or prolonged exposure to acids may result in the erosion of teeth, inflammatory and ulcerative changes in the mouth and necrosis (rarely) of the jaw. Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. Gastrointestinal disturbances may also occur. Chronic exposures may result in dermatitis and/or conjunctivitis. The impact of inhaled acidic agents on the respiratory tract depends upon a number of interrelated factors. These include physicochemical characteristics, e.g., gas versus aerosol; particle size (small particles can penetrate deeper into the lung); water solubility (more soluble agents are more likely to be removed in the nose and mouth). Given the general lack of information on the particle size of aerosols involved in occupational exposures to acids, it is difficult to identify their principal deposition site within the respiratory tract. Acid mists containing particles with a diameter of up to a few micrometers will be deposited in both the upper and lower airways. They are irritating to mucous epithelia, they cause dental erosion, and they produce acute effects in the lungs (symptoms and changes in pulmonary function). Asthmatics appear to be at particular risk for pulmonary effects.

Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems. Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

**Reference Data**

## TOXICITY

## IRRITATION

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.\* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

## SAFETY DATA SHEET - PRIMECHEM GROUT HAZE REMOVER AND TILE CLEANER

The material may produce respiratory tract irritation. Symptoms of pulmonary irritation may include coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and a burning sensation.

The material may produce severe skin irritation after prolonged or repeated exposure, and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) thickening of the epidermis.

Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis. Prolonged contact is unlikely, given the severity of response, but repeated exposures may produce severe ulceration.

### SECTION 12 ECOLOGICAL INFORMATION

Ingredient	Endpoint	Test Duration (hr)	Species	Value	Source
------------	----------	--------------------	---------	-------	--------

No Data Available

Legend:

Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Prevent, by any means available, spillage from entering drains or water courses.

DO NOT discharge into sewer or waterways.

### SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

Reduction

Reuse

Recycling

Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.

DO NOT allow wash water from cleaning or process equipment to enter drains.

It may be necessary to collect all wash water for treatment before disposal.

In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.

Where in doubt contact the responsible authority.

Recycle wherever possible.

Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.

Dispose of by: burial in a land-fill specifically licenced to accept chemical and / or pharmaceutical wastes or incineration in a licenced apparatus (after admixture with suitable combustible material).

Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

### SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant      NO

HAZCHEM Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

### SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

All ingredients are present on :

Australia Hazardous Substances Information System - Consolidated Lists

Australia Inventory of Chemical Substances (AICS)

**SECTION 16 OTHER INFORMATION**

Other information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average  
PC—STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit,  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index