Section 1: Identification

GHS Product identifier

Mixture identification:

Trade name: ULTRACARE EPOXY OFF GEL

Trade code: 9011499

Recommended use of the chemical and restrictions on use

Recommended use: Cleaner

Uses advised against: no data available

Supplier's details

Company: MAPEI AUSTRALIA Pty Ltd
180 Viking Drive Wacol QLD 4076 Australia

T. +61 7 32765000 (Mon-Fri 8am to 4.30pm)

F. +61 7 32765076

Responsable: sales@mapei.com.au

Emergency phone number

Australian Poisons Information Centre 24 Hour Service 13 11 26

Police or Fire Brigade 000

Section 2: Hazard(s) identification



Classification of the Hazardous chemical

Skin irritation, Category 2	Causes skin irritation.
Eye irritation, Category 2A	Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

GHS label elements, including precautionary statements

Hazard pictograms and Signal Word



Warning

Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary statements

P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/clothing and eye/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

Contains

benzyl alcohol

1-methoxy-2-propanol

2-aminoethanol

Other hazards which do not result in a classification

Other Hazards: No other hazards

Section 3: Composition and information on ingredients

Substances

no data available

Mixtures

Mixture identification: ULTRACARE EPOXY OFF GEL

Hazardous components within the meaning of the "Australian Work Health and Safety (WHS)" regulation and related classification:

Qty	Name	Ident. Numb.	Classification	Registration Number
≥20 - <25 %	benzyl alcohol	CAS:100-51-6 EC:202-859-9 Index:603-057-00-5	Acute Tox. 4, H332; Acute Tox. 4, H302; Eye Irrit. 2A, H319	01-2119492630-38-XXXX
≥1 - <2.5 %	1-methoxy-2-propanol	CAS:107-98-2 EC:203-539-1 Index:603-064-00-3	Flam. Liq. 3, H226; STOT SE 3, H336	01-2119457435-35-XXXX
≥1 - <2.5 %	2-aminoethanol	CAS:141-43-5 EC:205-483-3 Index:603-030-00-8	Skin Corr. 1B, H314; STOT SE 3, H335; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Aquatic Chronic 3, H412	01-2119486455-28-XXXX

Section 4: First-aid measures

Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Symptoms caused by exposure

Eye irritation

Eye damages

Skin Irritation

Erythema

Medical attention and special treatment

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Section 5: Firefighting measures

Suitable extinguishing media

None in particular.

Water.

Carbon dioxide (CO_2).

Extinguishing media which must not be used for safety reasons:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: no data available

Explosive properties: no data available

Oxidizing properties: no data available

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

HazChem Code/Emergency Action code

N.A.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Limit leakages with earth or sand.

Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

Retain contaminated washing water and dispose it.

Section 7: Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Section 8: Exposure controls and personal protection

Control parameters – exposure standards, biological monitoring

Community Occupational Exposure Limits (OEL)

	OEL Type	Country	Occupational Exposure Limit
benzyl alcohol CAS: 100-51-6	National	FINLAND	Long Term: 45 mg/m3 - 10 ppm
	National	POLAND	Long Term: 240 mg/m3
	National	GERMANY	Long Term: 22 mg/m3 - 5 ppm
	National	CZECH REPUBLIC	Long Term: 40 mg/m3
	National	LATVIA	Long Term: 5 mg/m3
	National	CZECH REPUBLIC	Short Term: Ceiling - 80 mg/m3
	National	BULGARIA	Long Term: 5 mg/m3
	National	LITHUANIA	Long Term: 5 mg/m3
	National	SLOVENIA	Long Term: 22 mg/m3 - 5 ppm; Short Term: 44 mg/m3 - 10 ppm
1-methoxy-2-propanol CAS: 107-98-2	National	SWEDEN	Long Term: 190 mg/m3 - 50 ppm; Short Term: 300 mg/m3 - 75 ppm SWEDEN, Short-term value, 15 minutes average value
	National	FINLAND	Long Term: 370 mg/m3 - 100 ppm; Short Term: 560 mg/m3 - 150 ppm FINLAND, hud
	National	NORWAY	Long Term: 180 mg/m3 - 50 ppm NORWAY, H
	National	NORWAY	Long Term: 185 mg/m3 - 50 ppm; Short Term: 370 mg/m3 - 100 ppm
	ACGIH		Long Term: 50 ppm; Short Term: 100 ppm A4 - Eye and URT irr
	ACGIH		Long Term: 50 ppm; Short Term: 100 ppm

			A4 - Not Classifiable as a Human Carcinogen;eye and upper respiratory tract irritation
	AUS	AUSTRALIA	Long Term: 369 mg/m3 - 100 ppm; Short Term: 553 mg/m3 - 150 ppm
	National	SWEDEN	Long Term: 190 mg/m3 - 50 ppm
	National	FRANCE	Long Term: 188 mg/m3 - 50 ppm; Short Term: 375 mg/m3 - 100 ppm
	National	SPAIN	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	GREECE	Long Term: 360 mg/m3 - 100 ppm; Short Term: 1080 mg/m3 - 300 ppm
	National	DENMARK	Long Term: 185 mg/m3 - 50 ppm
	National	FINLAND	Long Term: 370 mg/m3 - 100 ppm; Short Term: 560 mg/m3 - 150 ppm
	National	GERMANY	Long Term: 370 mg/m3 - 100 ppm
	National	PORTUGAL	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	NORWAY	Long Term: 180 mg/m3 - 50 ppm; Short Term: 225 mg/m3 - 75 ppm
	National	BELGIUM	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	CZECH REPUBLIC	Long Term: 270 mg/m3
	National	HUNGARY	Long Term: 375 mg/m3; Short Term: 568 mg/m3
	National	ESTONIA	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	LATVIA	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	CZECH REPUBLIC	Short Term: Ceiling - 550 mg/m3
	National	SLOVAKIA	Short Term: Ceiling - 568 mg/m3
	National	SLOVAKIA	Long Term: 375 mg/m3 - 100 ppm
	National	SLOVENIA	Long Term: 375 mg/m3 - 100 ppm; Short Term: 562.5 mg/m3 - 150 ppm
	National	UNITED KINGDOM	Long Term: 375 mg/m3 - 100 ppm; Short Term: 560 mg/m3 - 150 ppm
	National	BULGARIA	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	ROMANIA	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	LITHUANIA	Long Term: 190 mg/m3 - 50 ppm; Short Term: 300 mg/m3 - 75 ppm
	National	CROATIA	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
	National	BELGIUM	Long Term: 184 mg/m3 - 50 ppm; Short Term: 369 mg/m3 - 100 ppm
	National	SLOVENIA	Long Term: 375 mg/m3 - 100 ppm; Short Term: 568 mg/m3 - 150 ppm
2-aminoethanol CAS: 141-43-5	National	NORWAY	Long Term: 2.5 mg/m3 - 1 ppm H E
	National	SWEDEN	Long Term: 8 mg/m3 - 3 ppm; Short Term: 15 mg/m3 - 6 ppm SWEDEN, Short-term value, 15 minutes average value
	National	FINLAND	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm FINLAND, hud
	ACGIH		Long Term: 3 ppm; Short Term: 6 ppm Eye and skin irr
	OSHA		Long Term: 6 mg/m3 - 3 ppm
	ACGIH		Long Term: 3 ppm; Short Term: 6 ppm eye and skin irritation
	National	DENMARK	Long Term: 2.5 mg/m3 - 1 ppm
	National	GERMANY	Long Term: 0.5 mg/m3 - 0.2 ppm
	National	PORTUGAL	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
	National	CZECH REPUBLIC	Long Term: 2.5 mg/m3
	National	HUNGARY	Long Term: 2.5 mg/m3; Short Term: 7.6 mg/m3
	National	CZECH REPUBLIC	Short Term: Ceiling - 7.5 mg/m3
	National	SLOVAKIA	Short Term: Ceiling - 7.6 mg/m3
	National	ROMANIA	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
	National	LITHUANIA	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
	OSHA		Long Term: 6 mg/m3 - 3 ppm

ACGIH		Long Term: 3 ppm; Short Term: 6 ppm eye and skin irritation
AUS	AUSTRALIA	Long Term: 7.5 mg/m3 - 3 ppm; Short Term: 15 mg/m3 - 6 ppm
National	SWEDEN	Long Term: 2.5 mg/m3 - 1 ppm
National	FRANCE	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	SPAIN	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.5 mg/m3 - 3 ppm
National	GREECE	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	FINLAND	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	NORWAY	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 5 mg/m3 - 2 ppm
National	BELGIUM	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	ESTONIA	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	LATVIA	Long Term: 0.5 mg/m3 - 0.2 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	SLOVAKIA	Long Term: 2.5 mg/m3 - 1 ppm
National	SLOVENIA	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	UNITED KINGDOM	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	BULGARIA	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm
National	CROATIA	Long Term: 2.5 mg/m3 - 1 ppm; Short Term: 7.6 mg/m3 - 3 ppm

Predicted No Effect Concentration (PNEC) values

benzyl alcohol CAS: 100-51-6	Exposure Route: Fresh Water; PNEC Limit: 1 mg/l
	Exposure Route: Marine water; PNEC Limit: 0.1 mg/l
	Exposure Route: Freshwater sediments; PNEC Limit: 5.27 mg/kg
	Exposure Route: Marine water sediments; PNEC Limit: 0.527 mg/kg
	Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 39 mg/l
	Exposure Route: Soil; PNEC Limit: 0.45 mg/kg
	Exposure Route: Intermittent release; PNEC Limit: 2.3 mg/l
1-methoxy-2-propanol CAS: 107-98-2	Exposure Route: Fresh Water; PNEC Limit: 10 mg/l
	Exposure Route: Intermittent release; PNEC Limit: 100 mg/l
	Exposure Route: Marine water; PNEC Limit: 1 mg/l
	Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 100 mg/l
	Exposure Route: Freshwater sediments; PNEC Limit: 52.3 mg/kg
	Exposure Route: Marine water sediments; PNEC Limit: 5.2 mg/kg
	Exposure Route: Soil; PNEC Limit: 4.59 mg/kg
2-aminoethanol CAS: 141-43-5	Exposure Route: Fresh Water; PNEC Limit: 0.085 mg/l
	Exposure Route: Marine water; PNEC Limit: 0.0085 mg/l
	Exposure Route: Intermittent release; PNEC Limit: 0.025 mg/l
	Exposure Route: Freshwater sediments; PNEC Limit: 0.425 mg/kg
	Exposure Route: Marine water sediments; PNEC Limit: 0.0425 mg/kg
	Exposure Route: Soil; PNEC Limit: 0.035 mg/kg
	Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 100 mg/l

Derived No Effect Level (DNEL) values

benzyl alcohol CAS: 100-51-6	Exposure Route: Human Oral; Exposure Frequency: Short Term, systemic effects Consumer: 20 mg/kg
	Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects Consumer: 4 mg/kg
	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects Worker Industry: 110 mg/m3; Consumer: 27 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Worker Industry: 22 mg/m3; Consumer: 5.4 mg/m3
	Exposure Route: Human Dermal; Exposure Frequency: Short Term, systemic effects Worker Industry: 40 mg/kg; Consumer: 20 mg/kg

	Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects Worker Industry: 8 mg/kg; Consumer: 4 mg/kg
1-methoxy-2-propanol CAS: 107-98-2	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Worker Professional: 369 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects Worker Professional: 553.5 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects Worker Professional: 553.5 mg/m3
	Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects Worker Professional: 183 mg/kg
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Consumer: 43.9 mg/m3
	Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects Consumer: 78 mg/kg
	Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects Consumer: 33 mg/m3

Appropriate engineering controls

no data available

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; AS/NZS 2161.10:

Polychloroprene - CR: thickness >=0,5mm; breakthrough time >=480min.

Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.

Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.

Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to AS/NZS 1715-1716 for information on selection and use of appropriate respiratory protection equipment.

no data available

Section 9: Physical and chemical properties

Physical state: Liquid

Appearance: liquid

Color: opalescent

Odour: Characteristic

pH: 9.00

Melting point / freezing point: no data available

Initial boiling point and boiling range: 100 °C (212 °F)

Flash point: 100 °C (212 °F)

Evaporation rate: no data available

Lower and upper explosion limit/flammability limits:

Flammability (Solid, Gas) no data available

no data available

Vapour pressure: no data available

Vapour density: no data available

Relative density: 1.10 g/cm3

Solubility in water: yes

Solubility in oil: soluble

Partition coefficient (n-octanol/water): no data available

Auto-ignition temperature: no data available

Kinematic viscosity: no data available

Decomposition temperature: no data available

Volatile Organic compounds - VOCs = No data available

Particle characteristics:

Particle size: no data available
Particle size distribution: no data available
Shape and aspect ratio: no data available
Specific surface area: no data available

Section 10: Stability and reactivity

Reactivity

Stable under normal conditions

Chemical stability

no data available

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

Section 11: Toxicological information

Information on toxicological effects

Toxicological Information of the Preparation

a) acute toxicity	Not classified
	Based on available data, the classification criteria are not met
b) skin corrosion/irritation	The product is classified: Skin irritation, Category 2(H315)
c) serious eye damage/irritation	The product is classified: Eye irritation, Category 2A(H319)
d) respiratory or skin sensitisation	Not classified
	Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified
	Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified
	Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified
	Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified
	Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified
	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

benzyl alcohol	a) acute toxicity	LD50 Oral Rat = 1620 mg/kg
		LC50 Inhalation Mist Rat = 4.178 mg/l 4h
	g) reproductive toxicity	NOAEL Rat = 1072 mg/m3
1-methoxy-2-propanol	a) acute toxicity	LD50 Oral Rat = 5300 mg/kg
		LD50 Skin Rabbit = 13000 mg/kg
		LC50 Inhalation Rat = 28.8 mg/l 4h
		LD50 Skin Rabbit = 13 g/kg
		LC50 Inhalation Rat > 7559 ppm 6h
		LD50 Oral Rat = 5000 mg/kg
	h) STOT-single exposure	NOAEL Oral Rat = 919 mg/kg
		NOAEL Inhalation Rat = 3.7 mg/kg
		NOAEL Skin Rabbit > 1000 mg/kg

2-aminoethanol	a) acute toxicity	LD50 Oral Rat 2100 mg/kg
		LD50 Skin Rabbit 1000 mg/kg

Section 12: Ecological information

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
benzyl alcohol	CAS: 100-51-6 - EINECS: 202-859-9 - INDEX: 603-057-00-5	a) Aquatic acute toxicity : EC50 Daphnia = 230 mg/L 48
		a) Aquatic acute toxicity : LC50 Fish = 770 mg/L 1
		a) Aquatic acute toxicity : EC50 Algae = 770 mg/L 72
		a) Aquatic acute toxicity : LC50 Fish = 460 mg/L 96
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 460 mg/L 96h EPA
1-methoxy-2-propanol	CAS: 107-98-2 - EINECS: 203-539-1 - INDEX: 603-064-00-3	a) Aquatic acute toxicity : LC50 Fish = 5000 mg/L 96
		a) Aquatic acute toxicity : EC50 Daphnia = 23300 mg/L 48
		a) Aquatic acute toxicity : EC50 Algae > 1000 mg/L 96
		a) Aquatic acute toxicity : LC50 Bacteria > 1000 mg/L 3
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 20.8 g/l 96h IUCLID
		a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 23300 mg/L 48h IUCLID
2-aminoethanol	CAS: 141-43-5 - EINECS: 205-483-3 - INDEX: 603-030-00-8	a) Aquatic acute toxicity : EC50 Daphnia = 65 mg/L 48
		a) Aquatic acute toxicity : EC50 Algae = 22 mg/L 72
		a) Aquatic acute toxicity : LC50 Fish = 349 mg/L 96
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 227 mg/L 96h IUCLID
		a) Aquatic acute toxicity : LC50 Fish Brachydanio rerio = 3684 mg/L 96h IUCLID
		a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus 300 mg/L 96h EPA
		a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 114 mg/L 96h EPA
		a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 15 mg/L 72h IUCLID
		b) Aquatic chronic toxicity : NOEC Daphnia = 0.85 mg/L

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

no data available

Section 13: Disposal considerations

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

no data available

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

Section 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

UN number

no data available

UN proper shipping name

no data available

Transport hazard class(es)

no data available

Packing group, if applicable

no data available

Environmental hazards

no data available

Special precautions for user

ADG-Subsidiary hazards no data available

ADG-S.P.: no data available

Road and Rail (ADR-RID):

no data available

Air (IATA):

no data available

Sea (IMDG):

no data available

Additional Information

no data available

HazChem Code/Emergency Action code

no data available

Section 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

This Safety Data Sheet has been prepared according to the Australian Work Health and Safety (WHS) act and the Code of Practice on preparation of safety data sheets for Hazardous Chemicals.

Section 16: Any other relevant information

Code	Description
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.

H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
2.6/3	Flam. Liq. 3	Flammable liquid, Category 3
3.1/4/Dermal	Acute Tox. 4	Acute toxicity (dermal), Category 4
3.1/4/Inhal	Acute Tox. 4	Acute toxicity (inhalation), Category 4
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.2/1B	Skin Corr. 1B	Skin corrosion, Category 1B
3.3/2A	Eye Irrit. 2A	Eye irritation, Category 2A
3.8/3	STOT SE 3	Specific target organ toxicity — single exposure, Category 3
AUS-HAE/C3	Aquatic Chronic 3	Long-term (chronic) aquatic hazard - Category 3

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center

CE: European Community

CLP: Classification, Labeling, Packaging.

CMR: Carcinogenic, Mutagenic and Reprotoxic

COD: Chemical Oxygen Demand

COV: Volatile Organic Compound

CSA: Chemical Safety Assessment

CSR: Chemical Safety Report

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level.

DPD: Dangerous Preparations Directive

DSD: Dangerous Substances Directive

EC50: Half Maximal Effective Concentration

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Chemical Substances.

ES: Exposure Scenario

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

IC50: half maximal inhibitory concentration

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

IRCCS: Scientific Institute for Research, Hospitalization and Health Care

KAFH: KAFH

KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.