

Safety Data Sheet

ULTRACARE KERAPOXY CLEANER

Safety Data Sheet dated: 05/11/2021 - version 1

Date of first edition: 05/11/2021



1. Identification

GHS Product identifier

Mixture identification:

Trade name: ULTRACARE KERAPOXY CLEANER

Trade code: 9011498

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

Responsible: sales@mapei.com.au

Emergency phone number

Australian Poisons Information Centre 24 Hour Service 13 11 26

Police or Fire Brigade 000

2. Hazard identification



Classification of the Hazardous chemical

Skin Irrit. 2 Causes skin irritation.

Eye Irrit. 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 hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and 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.

P321 Specific treatment (see supplementary instructions on this label)

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

Other hazards which do not result in a classification

Other Hazards: No other hazards

3. Composition/information on ingredients

Substances

no data available

Mixtures

Mixture identification: ULTRACARE KERAPOXY CLEANER

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

Qty	Name	Ident. Numb.	Classification	Registration Number
≥10 - <20 %	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 %	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	01-2119486455-28-XXXX
≥1 - <2.5 %	sodium hydroxide; caustic soda	CAS:1310-73-2 EC:215-185-5 Index:011-002-00-6	Skin Corr. 1A, H314; Met. Corr. 1, H290	01-2119457892-27-0000

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 ophthalmologist 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).

Treatment:

- (see paragraph 4.1)

5. Fire-fighting measures

Suitable extinguishing media

- None in particular.
- Water.
- Carbon dioxide (CO₂).

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.

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
Retain contaminated washing water and dispose it.

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.

8. Exposure controls/personal protection

Control parameters – exposure standards, biological monitoring

Community Occupational Exposure Limits (OEL)

Component	OEL Type	Country	Ceiling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behaviour	Notes
benzyl alcohol	National	FINLAND		45	10				
	National	POLAND		240					
	National	GERMANY		22	5				
	National	CZECH REPUBLIC		40					
	National	LATVIA		5					
	National	CZECH REPUBLIC	C			80			
	National	BULGARIA		5.0					
	National	LITHUANIA		5					
2-aminoethanol	National	SLOVENIA		22	5	44	10		
	National	NORWAY		2.500	1.000				H E
	National	SWEDEN		8.000	3.000	15.000	6.000		SWEDEN, Short-term value, 15 minutes average value
	National	FINLAND		2.500	1.000	7.600	3.000		FINLAND, hud
	ACGIH	None			3.000		6.000		Eye and skin irr
	OSHA	None		6.000	3.000				
	ACGIH	None			3.000		6.000		eye and skin irritation
	National	DENMARK		2.5	1				
	National	GERMANY		0.500	0.200				
	National	PORTUGAL		2.5	1	7.6	3		
	National	CZECH REPUBLIC		2.500					
	National	HUNGARY		2.500		7.600			
	National	CZECH REPUBLIC	C			7.500			
National	SLOVAKIA	C			7.600				
National	ROMANIA		2.5	1	7.6	3			

	National LITHUANIA		2.5	1	7.6	3	
	OSHA		6	3			
	ACGIH			3		6	eye and skin irritation
	AUS AUSTRALIA		7.5	3	15	6	
	National SWEDEN		2.5	1			
	National FRANCE		2.5	1	7.6	3	
	National SPAIN		2.5	1	7.5	3	
	National GREECE		2.5	1	7.6	3	
	National FINLAND		2.5	1	7.6	3	
	National NORWAY		2.5	1	5	2	
	National BELGIUM		2.5	1	7.6	3	
	National ESTONIA		2.5	1	7.6	3	
	National LATVIA		0.5	0.2	7.6	3	
	National SLOVAKIA		2.5	1			
	National SLOVENIA		2.5	1	7.6	3	
	National UNITED KINGDOM		2.5	1	7.6	3	
	National BULGARIA		2.5	1	7.6	3	
	National CROATIA		2.5	1	7.6	3	
sodium hydroxide; caustic soda	National SWEDEN	C	1		2		SWEDEN, Ceiling limit value
	National FINLAND				2		FINLAND, takvärde
	National NORWAY		2				NORWAY, T
	ACGIH None	C			2		URT, eye, and skin irr
	National NORWAY		2		2		
	OSHA		2				
	ACGIH	C			2		
	National SWEDEN		1				
	National FRANCE		2				
	National SPAIN				2		
	National GREECE		2		2		
	National DENMARK	C			2		
	National FINLAND	C			2		
	National NORWAY	C			2		
	AUS AUSTRALIA	C			2		
	National CZECH REPUBLIC		1				
	National HUNGARY		2		2		
	National PORTUGAL	C			2		
	National ESTONIA		1		2		
	National LATVIA		0.5				
	National CZECH REPUBLIC	C			2		
	National SLOVAKIA		2				
	National SLOVENIA		2		2		
	National UNITED KINGDOM				2		
	National BULGARIA		2.0				
	National LITHUANIA	C			2		
	National CROATIA				2		

Predicted No Effect Concentration (PNEC) values

Component	CAS-No.	PNEC Limit	Exposure Route	Exposure Frequency	Remark
benzyl alcohol	100-51-6	1 mg/l	Fresh Water		

		0.1 mg/l	Marine water
		5.27 mg/kg	Freshwater sediments
		0.527 mg/kg	Marine water sediments
		39 mg/l	Microorganisms in sewage treatments
		0.45 mg/kg	Soil
		2.3 mg/l	Intermittent release
2-aminoethanol	141-43-5	0.085 mg/l	Fresh Water
		0.0085 mg/l	Marine water
		0.025 mg/l	Intermittent release
		0.425 mg/kg	Freshwater sediments
		0.0425 mg/kg	Marine water sediments
		0.035 mg/kg	Soil
		100 mg/l	Microorganisms in sewage treatments

Derived No Effect Level (DNEL) values

Component	CAS-No.	Worker Industrial	Worker Professional	Consumer	Exposure Route	Exposure Frequency	Remark
benzyl alcohol	100-51-6			20 mg/kg	Human Oral	Short Term	systemic effects
				4 mg/kg	Human Oral	Long Term	systemic effects
		110 mg/m3		27 mg/m3	Human Inhalation	Short Term	systemic effects
		22 mg/m3		5.4 mg/m3	Human Inhalation	Long Term	systemic effects
		40 mg/kg		20 mg/kg	Human Dermal	Short Term	systemic effects
		8 mg/kg		4 mg/kg	Human Dermal	Long Term	systemic effects

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 $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Nitrile rubber - NBR: thickness $\geq 0,35\text{mm}$; breakthrough time $\geq 480\text{min}$.

Butyl rubber - IIR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluorinated rubber - FKM: thickness $\geq 0,4\text{mm}$; breakthrough time $\geq 480\text{min}$.

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.

9. Physical and chemical properties

Physical state Liquid

Color transparent

Appearance liquid

Odour: Characteristic

Odour threshold: no data available

pH: 11.00

Melting point / freezing point: no data available

Initial boiling point and boiling range: no data available

Flash point: 100 °C (212 °F)

Evaporation rate: no data available

Flammability (Solid, Gas) no data available

Upper/lower flammability or explosive limits: no data available

Vapour pressure: no data available

Vapour density: no data available

Relative density: 1.00 g/cm³

Solubility in water: yes

Solubility in oil: soluble

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

Auto-ignition temperature: no data available

Decomposition temperature: no data available

Viscosity: 15.00 mPA-s

Specific heat value: no data available

Saturated vapour concentration: no data available

Release of invisible flammable vapours and gases: no data available

Particle size: no data available

Particle size distribution: no data available

Shape and aspect ratio: no data available

Crystallinity: no data available

Dustiness: no data available

Specific surface area: no data available

Degree of aggregation or agglomeration, and dispersibility: no data available

Biodurability or biopersistence: no data available

Surface coating or chemistry: no data available

VOC % (Volatile Organic Compound) : No data available

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 Irrit. 2(H315)
c) serious eye damage/irritation	The product is classified: Eye Irrit. 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	LC50 Inhalation Rat = 11.00000 mg/l 4h LD50 Oral Rat = 1230.00000 mg/kg
	g) reproductive toxicity	NOAEL Rat = 1072.00000 mg/m3
2-aminoethanol	a) acute toxicity	LD50 Oral Rat 2100 mg/kg LD50 Skin Rabbit 1000 mg/kg
	a) acute toxicity	LD50 Oral Rat 2000 mg/kg LD50 Skin Rabbit 1350 mg/kg LD50 Oral Rabbit 500 mg/kg LD50 Skin Rabbit = 1350 mg/kg LD50 Oral Rat = 325 mg/kg LD50 Skin Rabbit = 1350 mg/kg

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 = 460.00000 mg/L 96h EPA
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 = 22.00000 mg/L 72
- a) Aquatic acute toxicity : LC50 Fish = 349.00000 mg/L 96
- a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 227.00000 mg/L 96h IUCLID
- a) Aquatic acute toxicity : LC50 Fish Brachydanio rerio = 3684.00000 mg/L 96h IUCLID
- a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus 300.00000 mg/L 96h EPA
- a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 114.00000 mg/L 96h EPA
- a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 15.00000 mg/L 72h IUCLID

sodium hydroxide; caustic soda

CAS: 1310-73-2
- EINECS: 215-185-5 - INDEX: 011-002-00-6

- a) Aquatic acute toxicity : EC50 Daphnia = 76 mg/L 24

- a) Aquatic acute toxicity : EC50 Daphnia = 40.38 mg/L 48
- a) Aquatic acute toxicity : LC50 Fish = 99 mg/L 48
- a) Aquatic acute toxicity : LC50 Fish = 45.5 mg/L 96
- b) Aquatic chronic toxicity : NOEC Fish = 56 mg/L 96
- a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 45.4 mg/L 96h IUCLID

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

no data available

13. Disposal considerations

Disposal methods

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

Methods of disposal:

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.

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

no data available

Additional Information

no data available

HazChem Code/Emergency Action code

no data available

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.

AICS: all components are listed

16. Other information

Code	Description
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

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.