

## Safety Data Sheet

### ULTRACARE MOULD REMOVER

Safety Data Sheet dated: 29/11/2023 - version 1



## 1. Identification

### GHS Product Identifier

Mixture identification:

Trade name: ULTRACARE MOULD REMOVER

Trade code: 9011492

### Recommended use of the chemical and restrictions on use

Recommended use: Cleaner

Uses advised against: Data not available.

### Supplier's details

Company: MAPEI CONSTRUCTION CHEMICALS L.L.C

P.O. BOX 73869 DUBAI - United Arab Emirates

Office: 00971 4 8156666

Factory : 00971 4 8858428

Responsible: info@mapei.ae

### Emergency phone number

Office: 00971 4 8156666

## 2. Hazard identification

### Classification of the substance or mixture

Substance or mixture corrosive to metals, Category 1	May be corrosive to metals.
Skin corrosion, Category 1A	Causes severe skin burns and eye damage.
Serious eye damage, Category 1	Causes serious eye damage.
Acute aquatic hazard, category 1	Very toxic to aquatic life.
Chronic (long term) aquatic hazard, category 2	Toxic to aquatic life with long lasting effects.
Adverse physicochemical, human health and environmental effects:	
No other hazards	

### GHS label elements, including precautionary statements

#### Hazard pictograms and Signal Word



Danger

#### Hazard statements

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P234	Keep only in original packaging.
P260	Do not breathe mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/clothing and eye/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
1	
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
3	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
8	
P310	Immediately call a POISON CENTER.
P363	Wash contaminated clothing before reuse.

P390	Absorb spillage to prevent material damage.
P391	Collect spillage.
P406	Store in corrosive resistant container.
P501	Dispose of contents/container in accordance with applicable regulations.

**Other hazards which do not result in a classification**

No other hazards

**3. Composition/information on ingredients**

**Substances**

Not Relevant

**Mixtures**

Mixture identification: ULTRACARE MOULD REMOVER

**Hazardous components within the meaning of GHS and related classification:**

Qty	Name	Ident. Numb.	Classification	Registration Number
≥5 - <10 %	Amines, C12-14-alkyldimethyl, N-oxides	CAS:308062-28-4, 68424-94-2 EC:931-292-6	Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 2, H411	01-2119490061-47-XXXX
≥2.5 - <5 %	sodium hypochlorite, solution... Cl active	CAS:7681-52-9 EC:231-668-3 Index:017-011-00-1	Met. Corr. 1, H290; Aquatic Acute 1, H400; Skin Corr. 1B, H314; STOT SE 3, H335; Aquatic Chronic 1, H410	01-2119488154-34-XXXX
≥2.5 - <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-XXXX

**4. First-aid measures**

**Description of necessary first-aid measures**

In case of skin contact:

- Immediately take off all contaminated clothing.
- OBTAIN IMMEDIATE MEDICAL ATTENTION.
- 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.

**Most important symptoms/effects, acute and delayed**

- Eye irritation
- Eye damages
- Skin Irritation
- Erythema

**Indication of immediate medical attention and special treatment needed, if necessary**

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**

**Extinguishing media**

**Suitable extinguishing media:**

- Water.
- Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:**

- None in particular.

### Special hazards arising from the chemical

Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.  
Hazardous combustion products: N.A.  
Explosive properties: N.A.  
Oxidizing properties: N.A.

### Special protective actions 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.

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## 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.

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## 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

Do not pour the product into other containers. Always use the original container.  
Keep away from food, drink and feed.

Incompatible materials:

May be corrosive to metals.

Instructions as regards storage premises:

Adequately ventilated premises.

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## 8. Exposure controls/personal protection

### Control parameters

#### Community Occupational Exposure Limits (OEL)

	OEL Type	Country	Occupational Exposure Limit
sodium hydroxide; caustic soda CAS: 1310-73-2	MEX	MEXICO	Short Term: Ceiling - 2 mg/m3
	IND	INDIA	Short Term: Ceiling - 2 mg/m3
	ISL	ICELAND	Short Term: 2 mg/m3
	IDN	INDONESIA	Short Term: Ceiling - 2 mg/m3
	EGY	EGYPT	Short Term: Ceiling - 2 mg/m3
	ZAF	SOUTH AFRICA	Short Term: 2 mg/m3
	COL	COLOMBIA	Short Term: Ceiling - 2 mg/m3
	PER	PERU	Short Term: Ceiling - 2 mg/m3
	ARE	UNITED ARAB EMIRATES	Short Term: Ceiling - 2 mg/m3
	PAN	PANAMA	Long Term: 2 mg/m3; Short Term: 4 mg/m3

### Predicted No Effect Concentration (PNEC) values

Amines, C12-14-alkyldimethyl, N-oxides  
CAS: 308062-28-4,  
68424-94-2

Exposure Route: Fresh Water; PNEC Limit: 0.0335 mg/l  
Exposure Route: Freshwater sediments; PNEC Limit: 5.24 mg/kg  
Exposure Route: Marine water; PNEC Limit: 0.00335 mg/l  
Exposure Route: Marine water sediments; PNEC Limit: 0.524 mg/kg  
Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 24 mg/l  
Exposure Route: Soil; PNEC Limit: 1.02 mg/kg

### Derived No Effect Level (DNEL) values

Amines, C12-14-alkyldimethyl, N-oxides  
CAS: 308062-28-4,  
68424-94-2

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects  
Worker Industry: 6.2 mg/m<sup>3</sup>; Consumer: 1.53 mg/m<sup>3</sup>  
Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects  
Worker Industry: 11 mg/kg; Consumer: 5.5 mg/kg  
Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects  
Consumer: 0.44 mg/kg

Appropriate engineering controls: N.A.

### 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; EN ISO 374:  
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:

Personal Protective Equipment should comply with relevant CE standards (as EN ISO 374 for gloves and EN ISO 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.  
Use adequate protective respiratory equipment.

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## 9. Physical and chemical properties

Physical state Liquid  
Color: light yellow  
Appearance: liquid  
Odour: Characteristic  
Odour threshold: N.A.  
pH: 13.00  
Melting point / freezing point: N.A.  
Initial boiling point and boiling range: 100 °C (212 °F)  
Flash point: 100 °C (212 °F)  
Evaporation rate: N.A.  
Solid/gas flammability: N.A.  
Upper/lower flammability or explosive limits: N.A.  
Vapour pressure: N.A.  
Vapour density: N.A.  
Relative density: 1.13 g/cm<sup>3</sup>  
Solubility in water: N.A.  
Solubility in oil: N.A.  
Partition coefficient (n-octanol/water): N.A.  
Auto-ignition temperature: N.A.  
Decomposition temperature: N.A.  
Viscosity: N.A.

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## 10. Stability and reactivity

### Reactivity

Stable under normal conditions

### Chemical stability

Data not available.

### Possibility of hazardous reactions

None.

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

May be corrosive to metals.

None in particular.

### Hazardous decomposition products

None.

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## 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 corrosion, Category 1A(H314)
c) serious eye damage/irritation	The product is classified: Serious eye damage, Category 1(H318)
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:

Amines, C12-14-alkyldimethyl, N-oxides	a) acute toxicity	LD50 Oral Rat = 2000 mg/kg
		LD50 Skin Rabbit > 2000 mg/kg
sodium hypochlorite, solution... % Cl active	a) acute toxicity	LD50 Oral Rat > 2000 mg/kg
		LD50 Skin Rabbit > 2000 mg/kg
sodium hydroxide; caustic soda	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

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## 12. Ecological information

### Toxicity

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

The product is classified: Acute aquatic hazard, category 1(H400), Chronic (long term) aquatic hazard, category 2(H411)

### List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
Amines, C12-14-alkyldimethyl, N-oxides	CAS: 308062-28-4, 68424-94-2 - EINECS: 931-292-6	a) Aquatic acute toxicity : EC50 Daphnia = 3.1 mg/L 48h
sodium hypochlorite, solution... % Cl active	CAS: 7681-52-9 - EINECS: 231-668-3 - INDEX: 017-011-00-1	a) Aquatic acute toxicity : EC50 Daphnia = 0.026 mg/L 48h a) Aquatic acute toxicity : LC50 Fish = 0.032 mg/L 96h EPA b) Aquatic chronic toxicity : NOEC Fish = 0.04 mg/L 48h
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

N.A.

### Bioaccumulative potential

N.A.

### Mobility in soil

N.A.

### Other adverse effects

No Data found about other environmental hazard properties.

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## 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.

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## 14. Transport information

### UN number

1719

### UN proper shipping name

ADR-Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, solution - sodium hypochlorite, solution)

IATA-Technical name: CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, solution - sodium hypochlorite, solution)

IMDG-Technical name: CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, solution - sodium hypochlorite, solution)

### Transport hazard class(es)

ADR-Class: 8

IATA-Class: 8

IMDG-Class: 8

### Packing group, if applicable

Road and Rail (ADR-RID):

ADR-Label: 8

ADR-Packing Group: III

ADR-Hazard identification number: 80

ADR-Transport category (Tunnel restriction code): 3 (E)

ADR-Limited Quantity threshold: 5 L

Air (IATA):

IATA-Passenger Aircraft: 852

IATA-Cargo Aircraft: 856

IATA-Label: 8

IATA-Packing group: III

IATA-Subsidiary hazards: -

IATA-Erg: 8L

IATA-Special Provisions: A3 A803

Sea (IMDG):

IMDG-Packing group: III

IMDG-Stowage Code: Category A

IMDG-Stowage Note: SG22 SG35 SGG18

IMDG-Subsidiary hazards: -

IMDG-Special Provisions: 223 274

IMDG-Page: N/A

IMDG-Label: N/A

IMDG-EMS: F-A, S-B

IMDG-MFAG: N/A

### Environmental hazards

Marine pollutant: Yes

Environmental Pollutant: N.A.

### Special precautions for user

N.A.

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

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## 15. Regulatory information

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

This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Fifth revised edition.

SCAQMD Rule 1113 : NA

SCAQMD Rule 1168: NA

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## 16. Other information

Code	Description
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

<b>Code</b>	<b>Hazard class and hazard category</b>	<b>Description</b>
2.16/1	Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.2/1A	Skin Corr. 1A	Skin corrosion, Category 1A
3.2/1B	Skin Corr. 1B	Skin corrosion, Category 1B
3.2/2	Skin Irrit. 2	Skin irritation, Category 2
3.3/1	Eye Dam. 1	Serious eye damage, Category 1
3.8/3	STOT SE 3	Specific target organ toxicity — single exposure, Category 3
4.1/A1	Aquatic Acute 1	Acute aquatic hazard, category 1
4.1/C1	Aquatic Chronic 1	Chronic (long term) aquatic hazard, category 1
4.1/C2	Aquatic Chronic 2	Chronic (long term) aquatic hazard, category 2

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

Insert here further consulted bibliography

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:

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

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

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

ICAO: International Civil Aviation Organization.

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

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

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

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

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion coefficient.