

## Safety Data Sheet

### ULTRACARE HEAVY-DUTY STONE, TILE & GROUT CLEANER

Safety Data Sheet dated: 03/11/2022 - version 8

Date of first edition: 05/11/2015



## 1. IDENTIFICATION

### Product identifier

Mixture identification:

Trade name: ULTRACARE HEAVY-DUTY STONE, TILE & GROUT CLEANER

Trade code: 9011564

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

Recommended use: Cleaner

Restrictions on use: Not available

### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: MAPEI CORP. (USA and Puerto Rico)

1144 East Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Phone: 954-246-8888

Responsible: RDProductSafety@mapei.com

### Emergency 24 hour numbers:

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

## 2. HAZARD(S) IDENTIFICATION



### Classification of the chemical

Skin Irrit. 2 Causes skin irritation.

Eye Dam. 1 Causes serious eye damage.

### Label elements

#### Hazard pictograms and Signal Word



Danger

### Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

### 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 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.

P310 Immediately call a doctor.

P321 Specific treatment (see supplementary instructions on this label).

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

P362+P364 Take off contaminated clothing and wash it before reuse.

### Ingredient(s) with unknown acute toxicity:

None

### Hazards not otherwise classified identified during the classification process:

None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Not Relevant

## Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

### List of components

Concentration (% w/w)	Name	Ident. Numb.	Classification	Registration Number
2.5-5 %	2-butoxyethanol; ethylene glycol monobutyl ether	CAS:111-76-2 EC:203-905-0 Index:603-014-00-0	Eye Irrit. 2A, H319; Skin Irrit. 2, H315; Flam. Liq. 4, H227; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	
1-2.5 %	ethoxylated c9-11 alcohols; Alkyl alcohol, C9-C11, ethoxylated	CAS:68439-46-3 EC:614-482-0	Eye Dam. 1, H318	
1-2.5 %	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	CAS:61791-10-4 EC:612-393-1	Eye Dam. 1, H318; Aquatic Chronic 2, H411	
1-2.5 %	tetrasodium edta; Tetrasodium ethylenediaminetetraacetate	CAS:64-02-8 EC:200-573-9 Index:607-428-00-2	Eye Dam. 1, H318; Acute Tox. 4, H302	
1-2.5 %	sodium hydroxide; caustic soda	CAS:1310-73-2 EC:215-185-5 Index:011-002-00-6	Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318	

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## 4. FIRST AID MEASURES

### Description of 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 any immediate medical attention and special treatment needed

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)

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## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media:

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

### Unsuitable extinguishing media:

None in particular.

### Specific hazards arising from the chemical

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: Not available

Explosive properties: Not available

Oxidizing properties: Not 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.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

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

Storage temperature: Not available

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### List of components with OEL value

Component	OEL Type	Country	Ceiling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behaviour	Note
2-butoxyethanol; ethylene glycol monobutyl ether	OSHA			240	50				prevent or reduce skin absorption;
	ACGIH				20				A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans;eye and upper respiratory tract irritation;
	EU			98	20	246	50	Indicative	Possibility of significant uptake through the skin;
	MAK	GERMANY		49	10				
	OSHA			240	50				prevent or reduce skin absorption
	ACGIH								A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans;eye and upper respiratory tract irritation
	MAK	AUSTRIA		98	20	200	40		
	MAK	SWITZERLAND		49	10				

sodium hydroxide; caustic soda	OSHA	2
	ACGIH	C
	MAK	AUSTRIA 2
	MAK	SWITZERLAND 2

**Biological Exposure Index**

Component	CAS-No.	Value	UoM	Medium	Biological Indicator	Sampling Period
2-butoxyethanol; ethylene glycol monobutyl ether	111-76-2	200	MGGCREAT	Urine	Butoxyacetic acid ( BAA )	End of turn

Appropriate engineering controls: Not available

**Individual protection measures**

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; 29 CFR 1910.138 - ANSI/ISEA 105:

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 impervious 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 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Physical state: Liquid

Appearance and colour: Beige

Odour: No data available

Odour threshold: No data available

pH: 11.00

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

Upper/lower flammability or explosive limits: No data available

Vapour density: No data available

Vapour pressure: No data available

Relative density: 1.04 g/cm3

Solubility in water: dispersible

Solubility in oil: No data available

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

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Solid/gas flammability: No data available

**Other information**

Substance Groups relevant properties No data available

Miscibility: No data available

Fat Solubility: No data available

Conductivity: No data available

## 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

None in particular.

### Hazardous decomposition products

None.

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## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Toxicological information of the product:

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 Dam. 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 of the main substances found in the product:

2-butoxyethanol; ethylene glycol monobutyl ether	a) acute toxicity	LD50 Skin Rabbit = 220 mg/kg
		LC50 Inhalation Rat = 450 ppm 4h
		LD50 Oral Rat = 470 mg/kg
		LD50 Skin Rabbit = 435 mg/kg
		LC50 Inhalation Rat = 450 ppm 4h
		LC50 Inhalation Rat = 486 ppm 4h
		LD50 Oral Rat = 470 mg/kg
ethoxylated c9-11 alcohols; Alkyl alcohol, C9-C11, ethoxylated	a) acute toxicity	LD50 Oral Rat = 1400 mg/kg
Quaternary ammonium compounds, coco alkylbis(hydroxyethyl) methyl, ethoxylated, chlorides	a) acute toxicity	LD50 Oral Rat = 580 mg/kg

tetrasodium edta; a) acute toxicity LD50 Oral Rat = 1658 mg/kg  
Tetrasodium  
ethylenediaminetetraacet  
ate

sodium hydroxide; caustic a) acute toxicity LD50 Skin Rabbit = 1350 mg/kg  
soda  
  
LD50 Skin Rabbit = 1350 mg/kg  
LD50 Oral Rat = 325 mg/kg

**Substance(s) listed on the IARC Monographs:**

2-butoxyethanol; ethylene glycol Group 3  
monobutyl ether

**Substance(s) listed as OSHA Carcinogen(s):**

None

**Substance(s) listed as NIOSH Carcinogen(s):**

None

**Substance(s) listed on the NTP report on Carcinogens:**

None

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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**

Not classified for environmental hazards

Based on available data, the classification criteria are not met

**List of components with eco-toxicological properties**

Component	Ident. Numb.	Ecotox Infos
2-butoxyethanol; ethylene glycol monobutyl ether	CAS: 111-76-2 - EINECS: 203-905-0 - INDEX: 603-014-00-0	a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 1490 mg/L 96h EPA  a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna > 1000 mg/L 48h EPA  a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 2950 mg/L 96h IUCLID
tetrasodium edta; Tetrasodium ethylenediaminetetraacetate	CAS: 64-02-8 - EINECS: 200-573-9 - INDEX: 607-428-00-2	a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 41 mg/L 96h IUCLID  a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 59.8 mg/L 96h IUCLID  a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 1.01 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 : LC50 Fish Oncorhynchus mykiss = 45.40000 mg/L 96h IUCLID

**Persistence and degradability**

Not available

**Bioaccumulative potential**

Not available

**Mobility in soil**

Not available

**Other adverse effects**

Not available

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment 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**

ADR-UN number: 2735

DOT-UN Number: UN2735

IATA-Un number: 2735

IMDG-Un number: 2735

**UN proper shipping name**

ADR-Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. ()

DOT-Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. ()

IATA-Technical name: AMINES, LIQUID, CORROSIVE, N.O.S. ()

IMDG-Technical name: AMINES, LIQUID, CORROSIVE, N.O.S. ()

**Transport hazard class(es)**

ADR-Class: 8

DOT-Hazard Class: 8

IATA-Class: 8

IMDG-Class: 8

**Packing group**

ADR-Packing Group: III

DOT-Packing group: III

IATA-Packing group: III

IMDG-Packing group: III

**Environmental hazards**

Marine pollutant: No

Environmental Pollutant: Not available

DOT-RQ:

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

Not available

**Special precautions**

Department of Transportation (DOT):

DOT-Special Provision(s): IB3, T7, TP1, TP28

DOT-Label(s): 8

DOT-Symbol: N/A

DOT-Cargo Aircraft: N/A

DOT-Passenger Aircraft: N/A

DOT-Bulk: N/A

DOT-Non-Bulk: N/A  
Road and Rail ( ADR-RID ) :  
ADR-Label: 8  
ADR-Hazard identification number: 80  
ADR-Transport category (Tunnel restriction code): 3 (E)  
Air ( IATA ) :  
IATA-Passenger Aircraft: 852  
IATA-Cargo Aircraft: 856  
IATA-Label: 8  
IATA-Subsidiary hazards: -  
IATA-Erg: 8L  
IATA-Special Provisioning: A3 A803  
Sea ( IMDG ) :  
IMDG-Stowage Code: Category A  
IMDG-Stowage Note: SG35  
IMDG-Subsidiary hazards: -  
IMDG-Special Provisioning: 223 274  
IMDG-Page: N/A  
IMDG-Label: N/A  
IMDG-EMS: F-A, S-B  
IMDG-MFAG: N/A

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## 15. REGULATORY INFORMATION

### USA - Federal regulations

#### TSCA - Toxic Substances Control Act

##### TSCA inventory:

All the components are listed on the TSCA inventory

##### TSCA listed substances:

2-butoxyethanol; ethylene glycol monobutyl ether is listed in TSCA Section 8b

ethoxylated c9-11 alcohols; Alkyl alcohol, C9-C11, ethoxylated is listed in TSCA Section 8b

Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides is listed in TSCA Section 8b

tetrasodium edta; Tetrasodium ethylenediaminetetraacetate is listed in TSCA Section 8b

sodium hydroxide; caustic soda is listed in TSCA Section 8b

#### SARA - Superfund Amendments and Reauthorization Act

##### Section 302 - Extremely Hazardous Substances:

No substances listed

##### Section 304 - Hazardous substances:

sodium hydroxide; caustic soda

##### Section 313 - Toxic chemical list:

2-butoxyethanol; ethylene glycol monobutyl ether

#### CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

##### Substance(s) listed under CERCLA:

sodium hydroxide; caustic soda Reportable quantity: 1000 pounds

#### CAA - Clean Air Act

##### CAA listed substances:

2-butoxyethanol; ethylene glycol monobutyl ether is listed in CAA Section 112(b) - HON

#### CWA - Clean Water Act

##### CWA listed substances:

sodium hydroxide; caustic soda is listed in CWA Section 311



## USA - State specific regulations

### California Proposition 65

#### Substance(s) listed under California Proposition 65:

No substances listed

### Massachusetts Right to know

#### Substance(s) listed under Massachusetts Right to know:

2-butoxyethanol; ethylene glycol monobutyl ether  
sodium hydroxide; caustic soda

### Pennsylvania Right to know

#### Substance(s) listed under Pennsylvania Right to know:

2-butoxyethanol; ethylene glycol monobutyl ether  
sodium hydroxide; caustic soda

### New Jersey Right to know

#### Substance(s) listed under New Jersey Right to know:

2-butoxyethanol; ethylene glycol monobutyl ether  
sodium hydroxide; caustic soda

## Canada - Federal regulations

### DSL - Domestic Substances List

#### DSL (Domestic Substances List)

All the substances are listed in the DSL.

### NDSL - Non Domestic Substances List

#### NDSL (Non Domestic Substances List)

No substances listed

### NPRI - National Pollutant Release Inventory

#### NPRI (National Pollutant Release Inventory) - List of substances listed.

No substances listed

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## 16. OTHER INFORMATION

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### Additional classification information

NFPA Health: 2 = Moderate

NFPA Flammability: 1 = Combustible if heated

NFPA Reactivity: 0 = Minimal

NFPA Special Risk: Not available



Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

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

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.

Code	Description
H227	Combustible liquid.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.

### 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.

**Paragraphs modified from the previous revision:**

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 2. HAZARDS IDENTIFICATION
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 5. FIRE-FIGHTING MEASURES
- 7. HANDLING AND STORAGE
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 15. REGULATORY INFORMATION
- 16. OTHER INFORMATION