

## Safety Data Sheet

### ULTRACARE ACIDIC TILE & GROUT CLEANER

Safety Data Sheet dated: 5/11/2015 - version 1

Date of first edition: 5/11/2015

## 1. IDENTIFICATION

### Product identifier

Mixture identification:

Trade name: ULTRACARE ACIDIC TILE & GROUT CLEANER

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

Recommended use: Tile & Grout Cleaner

Restrictions on use: N.A.

### 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

### Emergency 24 hour numbers:

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-613-996-6666

## 2. HAZARD(S) IDENTIFICATION



### Classification of the chemical

#### Classification of the chemical

Skin Corr. 1A Causes severe skin burns and eye damage.

Eye Dam. 1 Causes serious eye damage.

### Label elements

#### Symbols:



Danger

Code	Description
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H314	Causes severe skin burns and eye damage.
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H318	Causes serious eye damage.
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Code	Description
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P260.1	Do not breathe the mist/vapours/spray.
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P264.2	Wash skin thoroughly after handling.
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P280	Wear protective gloves/protective clothing/eye protection/face protection.
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P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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P310.A	Immediately call a POISON CENTER.
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P321.A	Specific treatment (see supplementary instructions on this label)
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P363	Wash contaminated clothing before reuse.
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P405	Store locked up.
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P501.A	Dispose of contents/container in accordance with applicable regulations.
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### Ingredient(s) with unknown acute toxicity:

None

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

None

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

N.A.

#### Mixtures

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

#### List of components

Quantity	Name	Ident. Numb.	Classification
5-10 %	Hydrochloric acid	CAS:7647-01-0	Skin Corr. 1B, H314; STOT SE 3, H335

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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 off 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).

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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: N.A.
- Explosive properties: N.A.
- Oxidizing properties: N.A.

#### 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.
- See protective measures under point 7 and 8.

#### Methods and material for containment and cleaning up

- Suitable material for taking up: absorbing material, organic, sand
  - Wash with plenty of water.
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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: N.A.

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	Celling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behaviour	Note
Hydrochloric acid	ACGIH		C						
	OSHA		C			7	5		
	EU			8	5	15	10	Indicative	

Appropriate engineering controls: N.A.

### 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:

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

Respiratory protection:

Use adequate protective respiratory equipment.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: clear

Odour: N.A.

Odour threshold: N.A.

pH: 1.00

Melting point / freezing point: N.A.

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

Flash point: >100 °C (212 °F) ( Closed Cup )

Evaporation rate: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Vapour pressure: N.A.

Relative density: N.A.

Solubility in water: Soluble

Solubility in oil: N.A.

Partition coefficient (n-octanol/water): N.A.

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Viscosity: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

Solid/gas flammability: N.A.

### Other information

Substance Groups relevant properties N.A.

Miscibility: N.A.

Fat Solubility: N.A.

Conductivity: N.A.



**Mobility in soil**

N.A.

**Other adverse effects**

N.A.

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**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

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**14. TRANSPORT INFORMATION****UN number**

ADR-UN number: 3265  
DOT-UN Number: UN3265  
IATA-Un number: 3265  
IMDG-Un number: 3265

**UN proper shipping name**

ADR-Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
DOT-Proper Shipping Name: Corrosive liquid, acidic, organic, n.o.s.  
IATA-Technical name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
IMDG-Technical name: CORROSIVE LIQUID, ACIDIC, ORGANIC, 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: N.A.

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

N.A.

**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-Tunnel Restriction Code: 3 (E)

## Air (IATA):

IATA-Passenger Aircraft: 852  
IATA-Cargo Aircraft: 856  
IATA-Label: 8  
IATA-Subrisk: -  
IATA-Erg: 8L  
IATA-Special Provisions: A3 A803

## Sea (IMDG):

IMDG-Stowage Code: Category A  
IMDG-Stowage Note: Clear of living quarters.  
IMDG-Subrisk: -

IMDG-Special Provisions: 223 274

IMDG-Page: N/A

IMDG-Label: 8

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:

Hydrochloric acid is listed in TSCA Section 8b

#### SARA - Superfund Amendments and Reauthorization Act

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

Hydrochloric acid

##### Section 304 - Hazardous substances:

Hydrochloric acid

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

Hydrochloric acid

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

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

Hydrochloric acid	Reportable quantity:	5000	pounds
	Reportable quantity for mixture:	58139.535	pounds

#### CAA - Clean Air Act

##### CAA listed substances:

Hydrochloric acid is listed in CAA Section 112(b) - HAP

#### CWA - Clean Water Act

##### CWA listed substances:

Hydrochloric acid 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:

Hydrochloric acid

#### Pennsylvania Right to know

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

Hydrochloric acid

#### New Jersey Right to know

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

Hydrochloric acid

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## 16. OTHER INFORMATION

Code	Description
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

Safety Data Sheet dated: 5/11/2015 - version 1

Product code: 3013

**Additional classification information**

HMIS Health: 3 = Serious

HMIS Health - Is health hazard chronic?: No

HMIS Flammability: 1 = Combustible if heated

HMIS Reactivity: 0 = Minimal

HMIS P.P.E.: Splash goggles, gloves, chemical apron, dust and vapor respirator

NFPA Health: 3 = Serious

NFPA Flammability: 0 = Not Combustible

NFPA Reactivity: 0 = Minimal

NFPA Special Risk: N.A.

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.

**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.