

ROCATEX

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SAFETY DATA SHEET – Rocatex Tile & Stone Cleaner SDS002 V5

Compilation date: 25.10.17

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ROCATEX Tile & Stone Cleaner

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Consumer. Professional Industrial Cleaner.

1.3. Details of the supplier of the safety data sheet

Rocatex Ltd
Camwal Park
Camwal Road
Harrogate
HG1 4PT
United Kingdom

Email: info@rocatex.com
Tel: 01423 882990
Fax: 01423 299040

1.4. Emergency telephone number

Emergency tel: +44 (0)1423 882990 (Office hours only 8am - 5pm)
+44 (0)7939 568866 (Out of hours emergency number)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Aquatic Chronic 3: H412; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.
H318: Causes serious eye damage.
H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion



Signal words: Danger

[cont...]

Precautionary statements: P102: Keep out of reach of children.

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

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+313: If skin irritation occurs: Get medical advice/attention.

P362+364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents/container to hazardous or special waste collection point in accordance with local authority requirements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) - REACH registered number(s):

01-2119490100-53-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|-----|-----------|--|---------|
| 931-329-6 | - | - | Eye Dam. 1: H318; Aquatic Chronic 2: H411; Skin Irrit. 2: H315 | 1-10% |

BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPDS. WITH TRIETHANOLAMINE - REACH registered number(s): 01-2119971970-28-XXXX

| | | | | |
|-----------|---|---|---------------------------------------|-------|
| 939-464-2 | - | - | Eye Dam. 1: H318; Skin Irrit. 2: H315 | 1-10% |
|-----------|---|---|---------------------------------------|-------|

SULFONIC ACIDS, C14-16-ALKANE HYDROXY AND C14-16-ALKENE, SODIUM SALTS - REACH registered number(s): 01-2119513401-57-XXXX

| | | | | |
|-----------|---|---|---------------------------------------|-------|
| 931-534-0 | - | - | Eye Dam. 1: H318; Skin Irrit. 2: H315 | 1-10% |
|-----------|---|---|---------------------------------------|-------|

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS - REACH registered number(s): 012119489428-22-XXXX

| | | | | |
|-----------|------------|---|--|-------|
| 270-115-0 | 68411-30-3 | - | Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 3: H412; Skin Irrit. 2: H315 | 1-10% |
|-----------|------------|---|--|-------|

Non-classified ingredients:

2,2'-IMINODIETHANOL - REACH registered number(s): 01-2119488 30-28-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|----------|-----------|--|---------|
| 203-868-0 | 111-42-2 | - | Acute Tox. 4: H302; STOT RE 2: H373; Skin Irrit. 2: H315; Eye Dam. 1: H318 | <1% |

GLYCEROL - REACH registered number(s): 01-2119471987-18-XXXX

[cont...]

| | | | | |
|-----------|---------|---|---|-----|
| 200-289-5 | 56-81-5 | - | - | <1% |
|-----------|---------|---|---|-----|

CITRAL - REACH registered number(s): 01-2119462829-23-XXXX

| | | | | |
|-----------|-----------|---|---|-----|
| 226-394-6 | 5392-40-5 | - | Skin Irrit. 2: H315; Skin Sens. 1: H317 | <1% |
|-----------|-----------|---|---|-----|

Contains: AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Treat Symptomatically

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Water spray. Dry chemical powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure control /personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

| Type | Exposure | Value | Population | Effect |
|------|------------|----------------|--------------------|----------|
| DNEL | Dermal | 4.16 mg/Kg/day | Workers | Local |
| DNEL | Inhalation | 73.4 mg/m3 | Workers | Systemic |
| DNEL | Inhalation | 21.73 mg/m3 | General Population | Systemic |
| DNEL | Dermal | 2.5 mg/kg/day | General Population | Systemic |
| DNEL | Oral | 6.25 mg/kg/day | General Population | Systemic |

| | | | | |
|------|------------------------------------|--------------|---|---|
| PNEC | Fresh water | 0.007 mg/l | - | - |
| PNEC | Marine water | 0.0007 mg/l | - | - |
| PNEC | Fresh water sediments | 0.195 mg/kg | - | - |
| PNEC | Marine sediments | 0.0195 mg/kg | - | - |
| PNEC | Soil (agricultural) | 0.0348 mg/kg | - | - |
| PNEC | Microorganisms in sewage treatment | 0.83 g/l | - | - |

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Avoid release to the environment

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: No data available.

Boiling point/range°C: 1.009

Melting point/range°C: Not applicable.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: 8.6

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RAT | DL50 | >2000 | mg/kg |
| ORAL | RAT | DL50 | >5000 | mg/kg |

BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS., COMPDS. WITH TRIETHANOLAMINE

| | | | | |
|------|-----|------|------|-------|
| ORAL | RAT | DL50 | 2925 | mg/kg |
|------|-----|------|------|-------|

2,2'-IMINODIETHANOL

| | | | | |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 778 | mg/kg |
| ORL | MUS | LD50 | 3300 | mg/kg |
| ORL | RAT | LD50 | 620 | µl/kg |
| SCU | RAT | LD50 | 2200 | mg/kg |

CITRAL

| | | | | |
|-----|-----|------|------|-------|
| IPR | RAT | LD50 | 460 | mg/kg |
| ORL | MUS | LD50 | 6 | gm/kg |
| ORL | RAT | LD50 | 4960 | mg/kg |

Relevant hazards for product:

| Hazard | Route | Basis |
|---------------------------|-------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |

| | | |
|-------------------------------|-----|-----------------------|
| Serious eye damage/irritation | OPT | Hazardous: calculated |
|-------------------------------|-----|-----------------------|

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)

| | | | |
|---------------|------|------|------|
| ALGAE | CI50 | 3.9 | mg/l |
| Daphnia magna | CE50 | 3.2 | mg/l |
| Daphnia magna | NOEC | 0.07 | mg/l |
| FISH | CL50 | 2.4 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.