



## SAFETY DATA SHEET STONECLEAN

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** STONECLEAN

**Product number** A257

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

**Identified uses** A special blend of phosphoric acid, detergents and solvent designed for cleaning and restoring stone floor surfaces. Stoneclean is suitable for use on quarry tiles, ceramic tiles and other acid resistant stone and tile interior flooring, subject to pre-testing. Stoneclean will effectively remove limescale, grout stains, general soil and grease.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** www.prochem.co.uk  
Prochem Europe Ltd  
Oakcroft Road  
Chessington  
Surrey  
KT9 1RH

Telephone: 020 8974 1515  
Fax: 020 8974 1511  
sales@prochem.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** 020 8974 1515 (office hours 8am to 5pm Monday to Friday) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Met. Corr. 1 - H290

**Health hazards** Skin Corr. 1B - H314 Eye Dam. 1 - H318

**Environmental hazards** Not Classified

**Human health** Causes severe skin burns and eye damage. Considered to be a low inhalation hazard at normal workplace temperatures. Gas or vapour in high concentrations may irritate the respiratory system. Ingestion may cause: Nausea, vomiting. May cause chemical burns in mouth and throat. May cause drowsiness or dizziness.

**Environmental** The product is not expected to be hazardous to the environment.

**Physicochemical** May be corrosive to metals.

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## 2.2. Label elements

### Pictogram



### Signal word

Danger

### Hazard statements

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

### Precautionary statements

P102 Keep out of reach of children.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
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 POISON CENTER/ doctor.

### Contains

Phosphoric acid ...%

### Detergent labelling

< 5% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes

## 2.3. Other hazards

See section 8 for details of exposure limits.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Phosphoric acid ...%</b> CAS number: 7664-38-2                      EC number: 231-633-2	<b>5-10%</b>
<b>Classification</b> Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318	
<b>(2-Methoxymethylethoxy)propanol</b> CAS number: 34590-94-8                      EC number: 252-104-2                      REACH registration number: 01-2119450011-60-XXXX	<b>1-5%</b>
Substance with a Community workplace exposure limit.	
<b>Classification</b> Not Classified	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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<b>Ingestion</b>	Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

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

<b>Skin contact</b>	Causes severe skin burns and eye damage.
<b>Eye contact</b>	Causes serious eye damage. May cause permanent damage if eye is not immediately irrigated.

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

<b>Specific treatments</b>	IF IN EYES: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. IF SWALLOWED: Get medical attention immediately.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of phosphorus. Phosphoric acid mist.

### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
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### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Phosphoric acid ...%

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

##### (2-Methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

Side shield safety glasses are recommended when handling this product.

#### Hand protection

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

#### Hygiene measures

Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

#### Respiratory protection

Considered to be a low inhalation hazard at normal workplace temperatures. No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Viscous liquid.

#### Colour

Orange.

#### Odour

Mint

#### Odour threshold

Not determined.

#### pH

pH (concentrated solution): 1.5 pH (diluted solution): 2

#### Melting point

Not determined.

#### Initial boiling point and range

100°C

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<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.097
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

### 9.2. Other information

<b>Other information</b>	None.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not determined.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong alkalis. Strong oxidising agents. Metals.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	Considered to be a low inhalation hazard at normal workplace temperatures. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. The product irritates mucous membranes and may cause abdominal discomfort if swallowed. Ingestion may cause: Nausea, vomiting. May cause chemical burns in mouth and throat. May cause drowsiness or dizziness.
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### Acute toxicity - oral

ATE oral (mg/kg) 3,882.87

### Skin corrosion/irritation

Skin corrosion/irritation Causes severe burns.

### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage. May cause permanent damage if eye is not immediately irrigated.

### Skin sensitisation

Skin sensitisation None known.

### Germ cell mutagenicity

Genotoxicity - in vivo No effects expected based upon current data.

### Carcinogenicity

Carcinogenicity No effects expected based upon current data.

### Reproductive toxicity

Reproductive toxicity - fertility No effects expected based upon current data.

### Toxicological information on ingredients.

#### Phosphoric acid ...%

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 301.0

Species Rat

ATE oral (mg/kg) 301.0

#### (2-Methoxymethylethoxy)propanol

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,135.0

Species Rat

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 20.0

Species Rabbit

## SECTION 12: Ecological Information

### 12.1. Toxicity

#### Ecological information on ingredients.

#### (2-Methoxymethylethoxy)propanol

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: >10000 mg/l, Fish

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**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 1919 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: >969 mg/l, Algae

### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

### Ecological information on ingredients.

#### (2-Methoxymethylethoxy)propanol

**Chemical oxygen demand** 2.02

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not determined.

**Partition coefficient** Not determined.

### Ecological information on ingredients.

#### (2-Methoxymethylethoxy)propanol

**Partition coefficient** : 1.01

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Avoid discharge to the aquatic environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1805

**UN No. (IMDG)** 1805

### 14.2. UN proper shipping name

Phosphoric acid solution

### 14.3. Transport hazard class(es)

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**ADR/RID class** 8

**IMDG class** 8

### 14.4. Packing group

**ADR/RID packing group** III

**IMDG packing group** III

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Supplied in accordance with "Limited Quantity" provisions.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## SECTION 15: Regulatory information

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

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**General information** Telephone 020 8974 1515

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date** 30/04/2018

**Revision** 4

**Supersedes date** 12/05/2015

**Please note:** Where abbreviations have been used elsewhere the full text has been written below, for the classification of the product please refer to section 2.

**Hazard statements in full** H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.

**Signature** Aaron Saunders



# STONECLEAN

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.