



## SAFETY DATA SHEET QMT STONECLEAN

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name QMT STONECLEAN

Product No. A257

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

**Identified uses** A special blend of mild acids, detergents and solvent designed for cleaning and restoring stone and metal surfaces. QMT Stoneclean is suitable for use on quarry tiles, terrazzo, porcelain, ceramic tiles, masonry, chrome and aluminium (subject to pre-testing). QMT Stoneclean will effectively remove limescale, cement residues and general soil and grease.

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

**Supplier** Prochem Europe Ltd  
Oakcroft Road  
Chessington  
Surrey  
KT9 1RH  
Telephone: 020 8974 1515  
Fax: 020 8974 1511  
www.prochem.co.uk  
sales@prochem.co.uk

#### 1.4. Emergency telephone number

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 (1999/45/EEC)** Xi;R36.

##### Human health

Irritating to eyes. May cause permanent damage if eye is not immediately irrigated. Prolonged or repeated exposure may cause: skin irritation and dermatitis. Limited inhalation hazard at normal work temperatures. In high concentrations, vapours may be irritating to the respiratory system. Ingestion may cause: Nausea, vomiting. May cause drowsiness or dizziness.

##### Environment

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

#### 2.2. Label elements

##### Labelling



Irritant

##### Risk Phrases

R36

Irritating to eyes.

##### Safety Phrases

S2

Keep out of the reach of children.

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37

Wear suitable gloves.

#### 2.3. Other hazards

See section 8 for details of exposure limits.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

PHOSPHORIC ACID ...%	5-15%
CAS-No.: 7664-38-2	EC No.: 231-633-2
Classification (EC 1272/2008) Skin Corr. 1B - H314	Classification (67/548/EEC) C;R34
(2-METHOXYMETHYLETHOXY)PROPANOL	1-5%
CAS-No.: 34590-94-8	EC No.: 252-104-2
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) 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 into fresh air and keep at rest. Get medical attention if any discomfort continues.

#### Ingestion

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention immediately! Never give liquid to an unconscious person. DO NOT INDUCE VOMITING!

#### Skin contact

Flush skin thoroughly with water. Get medical attention if irritation persists after washing.

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention.

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

#### Eye contact

Irritating to eyes. May cause permanent damage if eye is not immediately irrigated.

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

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!

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

This product is not flammable. Use: Water spray, dry powder or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

#### Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

#### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet.

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## 6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

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

Collect with absorbent, non-combustible material into suitable containers. For waste disposal, see section 13.

## 6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

### 7.2. Conditions for safe storage, including any incompatibilities

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)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
(2-METHOXYMETHYLETHOXY)PROPANOL	WEL	50 ppm	308 mg/m3			Sk
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate ventilation.

#### Respiratory equipment

Limited inhalation hazard at normal work temperatures. No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### Hand protection

Nitrile gloves are recommended. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

#### Eye protection

Side shield safety glasses are recommended when handling this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Viscous liquid.
Colour	Orange.
Odour	Mint
Solubility	Soluble in water.
Initial boiling point and boiling range	100°C
Melting point (°C)	Not determined.
Relative density	1.097
Vapour density (air=1)	Not determined.

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## Vapour pressure

Not determined.

## Evaporation rate

Not determined.

pH-Value, Conc. Solution 1.5

pH-Value, Diluted Solution 2

## Viscosity

Not applicable.

## Decomposition temperature (°C)

Not determined.

## Odour Threshold, Lower

Not determined.

## Flash point

Not applicable.

## Auto Ignition Temperature (°C)

Not determined.

## Flammability Limit - Lower(%)

Not determined.

## Partition Coefficient (N-Octanol/Water)

Not determined.

## Explosive properties

Not applicable.

## Oxidising properties

Not applicable.

## 9.2. Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.

### 10.5. Incompatible materials

#### Materials To Avoid

Strong alkalis. Strong oxidising agents.

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Toxicological information

Limited inhalation hazard at normal work temperatures. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

#### Skin Corrosion/Irritation:

Liquid may irritate skin. Prolonged or repeated exposure may cause: skin irritation and dermatitis.

#### Serious eye damage/irritation:

Irritating to eyes. May cause permanent damage if eye is not immediately irrigated.

#### Respiratory or skin sensitisation:

None known.

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## Germ cell mutagenicity:

No effects expected based upon current data.

## Carcinogenicity:

No effects expected based upon current data.

## Reproductive Toxicity:

No effects expected based upon current data.

### Toxicological information on ingredients.

#### PHOSPHORIC ACID ...% (CAS: 7664-38-2)

##### Acute toxicity:

###### **Acute Toxicity (Oral LD50)**

1530 mg/kg Rat

#### (2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

##### Acute toxicity:

###### **Acute Toxicity (Oral LD50)**

5135 mg/kg Rat

###### **Acute Toxicity (Dermal LD50)**

> 20 mg/kg Rabbit

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecological information on ingredients.

#### (2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

##### **LC 50, 96 Hrs, Fish mg/l**

>10000

##### **EC 50, 48 Hrs, Daphnia, mg/l**

1919

##### **IC 50, 72 Hrs, Algae, mg/l**

>969

### 12.2. Persistence and degradability

#### **Degradability**

The surfactant(s) contained in this preparation 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 (CAS: 34590-94-8)

##### **Chemical Oxygen Demand**

2.02

### 12.3. Bioaccumulative potential

#### **Bioaccumulative potential**

Not determined.

#### **Partition coefficient**

Not determined.

### 12.4. Mobility in soil

#### **Mobility:**

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

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## 12.6. Other adverse effects

Avoid discharge to the aquatic environment. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. 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

Not classified for transportation.

### 14.2. UN proper shipping name

None.

### 14.3. Transport hazard class(es)

None.

ADR/RID/ADN Class -

IMDG Class -

### 14.4. Packing group

None.

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

None.

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

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

#### Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

#### 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General information

Telephone 020 8974 1515

Revision Date 25/05/2012

Revision 1

Signature Aaron Saunders

# QMT STONECLEAN

## Risk Phrases In Full

R34 Causes burns.

R36 Irritating to eyes.

## Hazard Statements In Full

H319 Causes serious eye irritation.

H314 Causes severe skin burns and eye damage.

## Disclaimer

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.