

# SAFETY DATA SHEET

VITREX GROUT & TILE SEALER AEROSOL 600ML

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Compilation date: 24/05/2014

Revision No: 1

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

### 1.1. Product identifier

**Product name:** VITREX GROUT & TILE SEALER AEROSOL 600ML

**Product code:** TGS600

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

**Use of substance / mixture:** Wall & Floor Grout Protector Natural Stone & Tile Impregnator

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

**Company name:** QEP UK LTD

Airfield Industrial Estate

Blenheim Road

Ashbourne

Derbyshire

DE6 1HA

**Tel:** 01335 340329

**Fax:** 01335 340272

**Email:** [astone@qep.com](mailto:astone@qep.com)

### 1.4. Emergency telephone number

**Emergency tel:** 01335 340329

(office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CHIP:** -: R10; Xi: R38; N: R51/53; Xn: R65

**Classification under CLP:** Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Acute Tox. 4: H302+332; Resp. Sens. 1A: H334

**Most important adverse effects:** Flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

### 2.2. Label elements

**Label elements under CLP:**

**Hazard statements:** H224: Extremely flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H411: Toxic to aquatic life with long lasting effects.

H302+332: Harmful if swallowed or if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

[cont...]

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**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Precautionary statements:** P243: Take precautionary measures against static discharge.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water.

P280: Wear protective gloves.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331: Do NOT induce vomiting.

P370+378: In case of fire: Use fire extinguisher for extinction.

P210: Keep away from open flames. - No smoking.

P233: Keep container tightly closed.

P264: Wash hands thoroughly after handling.

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

P362: Take off contaminated clothing and wash before reuse.

P102: Keep out of reach of children.

## Label elements under CHIP:

**Hazard symbols:** Harmful.

Dangerous for the environment.

Highly flammable.



**Risk phrases:** R10: Flammable.

R38: Irritating to skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

**Safety phrases:** S2: Keep out of the reach of children.

S29: Do not empty into drains.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Precautionary phrases:** Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

[cont...]

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## 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:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-151-9	64742-49-0	Xn: R65; F+: R12; Xi: R38; N: R51/53	Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	30-50%

#### PROPANE

200-827-9	74-98-6	F+: R12 Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	30-50%
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#### BUTANE

203-448-7	106-97-8	F+: R12 Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%
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#### N-BUTYL ACETATE

204-658-1	123-86-4	-: R10; -: R66; -: R67 Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	1-10%
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#### N-HEXANE

203-777-6	110-54-3	F: R11; Xi: R38; Xn: R48/20; Xn: R62; Xn: R65; -: R67; N: R51/53	Flam. Liq. 2: H225; Repr. 2: H361f; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	<1%
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## 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.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

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

### 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 irritation and redness. The eyes may water profusely.

[cont...]

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**Ingestion:** There may be soreness and redness of the mouth and throat. There may be vomiting and diarrhoea. There may be loss of consciousness.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. High exposures may cause an abnormal heart rhythm and prove suddenly fatal in very rare cases. Very high atmospheric concentrations may cause anaesthetic effects and asphyxiation. Central nervous system depression, drowsiness, disorientation and vertigo.

**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:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 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:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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

[cont...]

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## 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

## 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**PROPANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1800 mg/m3	7200 mg/m3	-	-

**BUTANE**

UK	1450 mg/m3	1810 mg/m3	-	-
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**N-BUTYL ACETATE**

UK	724 mg/m3	966 mg/m3	-	-
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**N-HEXANE**

UK	72 mg/m3	-	-	-
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### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. If adequate ventilation is unavailable use NIOSH approved respirator fitted with organic vapour cartridge

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

[cont...]

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## 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Colourless

**Odour:** Sweet-smelling

**Evaporation rate:** Fast

**Solubility in water:** Insoluble

**Viscosity:** Non-viscous

**Flammability limits %: lower:** 1.8

**upper:** 9.5

**Flash point°C:** <40

**Autoflammability°C:** 410-580

## 9.2. Other information

**Other information:** Information given concerns the major ingredients, 23 flammable gas. A flash point method is not available for aerosols but the major hazardous components, the propellant has a flash point of <40C with flammable limits of 9.5% vol upper and 1.8% vol lower

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

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Flames. Sources of ignition. Direct sunlight. Avoid contact with strong oxidisers

### 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:**

[cont...]

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## N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

## N-HEXANE

IPR	RAT	LDLO	9100	mg/kg
IVN	MUS	LDLO	831	mg/kg
ORL	RAT	LD50	25	gm/kg

### Relevant effects for mixture:

Effect	Route	Basis
Irritation	DRM	Hazardous: calculated

### Symptoms / routes of exposure

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be vomiting and diarrhoea. There may be loss of consciousness.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. High exposures may cause an abnormal heart rhythm and prove suddenly fatal in very rare cases. Very high atmospheric concentrations may cause anaesthetic effects and asphyxiation. Central nervous system depression, drowsiness, disorientation and vertigo.

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

**Other information:** Target Organs: Central nervous system, respiratory system, lungs. Medical Systems: Narcotic effect, vapours may cause drowsiness, dizziness and nausea.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential. No data available.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil. Volatile.

### 12.5. Results of PBT and vPvB assessment

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

[cont...]

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## 12.6. Other adverse effects

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Make sure aerosol container is empty before discarding, (explosion risk) Do not puncture or incinerate even when empty. Dispose of waste and residue in accordance with local authority requirements.

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

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** AEROSOLS

### 14.3. Transport hazard class(es)

**Transport class:** 2

### 14.4. Packing group

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** No chemical safety assessment has been carried out

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

[cont...]



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H220: Extremely flammable gas.  
H224: Extremely flammable liquid and vapour.  
H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H302+332: Harmful if swallowed or if inhaled.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336: May cause drowsiness or dizziness.  
H361f: Suspected of damaging fertility.  
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.  
R10: Flammable.  
R11: Highly flammable.  
R12: Extremely flammable.  
R38: Irritating to skin.  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R62: Possible risk of impaired fertility.  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

[cont...]

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HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular

PCP = physico-chemical properties

**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.