



## SAFETY DATA SHEET

POLISHED PORCELAIN SEALER (MPG)

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Compilation date: 08/03/2017

Revision No: 1

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

#### 1.1. Product identifier

Product name: POLISHED PORCELAIN SEALER (MPG)

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

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

**Manufacture:**  
J.V. Barrett & Co Ltd  
St Ivel way  
Warmley  
Bristol  
BS30 5TY  
United Kingdom  
Email: [sales@barrettine.co.uk](mailto:sales@barrettine.co.uk)

**Marketing Company & Exclusive Distributor:**  
LTP  
Tone Industrial Estate  
Milverton  
Wellington  
Somerset, TA21 0AN  
Tel: 01823 666213  
Fax: 01823 665685  
Email: [info@ltp-online.co.uk](mailto:info@ltp-online.co.uk)

#### 1.4. Emergency telephone number

Emergency tel: +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.)  
+44 (0) 1270 502891 (Out of hours emergency number)

### Section 2: Hazards identification

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

Classification under CLP: STOT RE 1: H372; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; STOT SE 3: H336; -;  
EUH066

**Most important adverse effects:** Flammable liquid and vapour. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.  
Repeated exposure may cause skin dryness or cracking.

#### 2.2. Label elements

##### Label elements:

**Hazard statements:** H226: Flammable liquid and vapour.  
H336: May cause drowsiness or dizziness.  
H372: Causes damage to organs through prolonged or repeated exposure.  
H411: Toxic to aquatic life with long lasting effects.  
EUH066: Repeated exposure may cause skin dryness or cracking.

[cont...]

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**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark  
GHS08: Health hazard  
GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.  
P405: Store locked up.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
P260: Do not breathe fumes/vapours/spray.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/eye protection.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P314: Get medical attention if you feel unwell.  
P391: Collect spillage.  
P403+233: Store in a well-ventilated place. Keep container tightly closed.  
P501: Dispose of contents/container to hazardous or special waste collection point. Do not cut or weld on or near empty containers.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%). - REACH registered number (s): 01-2119458049-33

EINECS	CAS	PBT / WEL	CLP Classification	Percent
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-	919-446-0	-	Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 1: H372; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	70-90%
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HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS - REACH registered number(s): 01-2119463258-33-XXXX

919-857-5	-	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	1-10%
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HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%) - REACH registered number(s): 01-2119473977-17-XXXX

919-164-8	-	-	Acute Tox. 4: H332; Aquatic Chronic 3: H412	1-10%
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XYLENE - REACH registered number(s): 01-2119488216-32-XXXX

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	1-10%
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PARAFFIN WAX - REACH registered number(s): 01-2119488075-30-XXXX

232-315-6	8002-74-2	Substance with a Community workplace exposure limit.	-	1-10%
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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.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**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:** Not applicable.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

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

**Exposure hazards:** Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

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### 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. Eliminate all sources of ignition. 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. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Smoking is forbidden. Use non-sparking tools. 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. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**XYLENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m3	441 mg/m3	-	-

[cont...]

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### PARAFFIN WAX

UK	6 mg/m3	2 mg/m3	-	-
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### DNEL/PNEC Values

#### Hazardous ingredients:

#### HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%).

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	44 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	330 mg/m3/8h	Workers	Systemic
DNEL	Dermal (repeated dose)	26 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	76 mg/m3/24h	General Population	Systemic
DNEL	Oral (repeated dose)	26 mg/kg bw/day	General Population	Systemic

#### HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	208 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	871 mg/m3/8H	Workers	Systemic
DNEL	Dermal (effects on fertility)	125 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	185 mg/m3/24H	Consumers	Systemic
DNEL	Oral	125 mg/kg bw/day	Consumers	Systemic

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** If ventilation is insufficient suitable respiratory protection must be provided.

**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:** Colourless

**Odour:** Hydrocarbons

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Immiscible with water

**Viscosity:** 0.85 cSt

**Boiling point/range°C:** 150-200

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** 0.6

**upper:** 8.0

**Flash point°C:** >40

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Autoflammability°C: 230

Relative density: No data available.

VOC g/l: No data available.

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

Vapour pressure: <10 mbar @ 15oC

pH: 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. Stable at room temperature.

### 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: Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

### 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:

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%).

DERMAL	RAT	LD50	>3400	mg/kg
ORAL	RAT	LD50	>15000	mg/kg
VAPOURS	RAT	LD50	>13100	mg/m3

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

GASES	RBT	24H LD50	> 5000	mg/kg
ORAL	RAT	LD50	> 5000	mg/kg
VAPOURS	RAT	8H LC50	> 5000	mg/m3

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### XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

### PARAFFIN WAX

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

### Relevant hazards for product:

Hazard	Route	Basis
STOT-single exposure	-	Hazardous: calculated
STOT-repeated exposure	-	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.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

#### HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

ALGAE	72H EbL50	>1000	mg/l
ALGAE	72H ErL50	>1000	mg/l
Daphnia magna	48H EL50	>1000	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LL50	>1000	mg/l

### PARAFFIN WAX

ALGAE	NOEL	>100	mg/l
Daphnia magna	EL50	>10000	mg/l
Daphnia magna	NOEL	10	mg/l
FISH	LL50	>100	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

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### 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

### 14.1. UN number

**UN number:** UN1300

### 14.2. UN proper shipping name

**Shipping name:** TURPENTINE SUBSTITUTE  
(HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS)

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

[cont...]

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### 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:** EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H372: Causes 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.

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

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

LDLO = lethal dose low

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

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

[cont...]

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## **POLISHED PORCELAIN SEALER (MPG)**

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ORL = oral

SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

ING = ingestion

INH = inhalation

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.