



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

1.1. Product identifier

Product name: ECOPROTEC BLACK STONE SEALER & RESTORER

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

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

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

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

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: Acute Tox. 4: H332; Aquatic Chronic 3: H412

Most important adverse effects: Harmful if inhaled. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H332: Harmful if inhaled.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning



- Precautionary statements:**
- P102: Keep out of reach of children.
 - P260: Do not breathe fumes/vapours/spray.
 - P271: Use only outdoors or in a well-ventilated area.
 - P273: Avoid release to the environment.
 - P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - P312: Call POISON CENTER/doctor if you feel unwell.
 - P501: Dispose of contents/container to hazardous or special waste collection point.

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:

REACTION MASS OF MIXED (3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDECAFLUOROOCYL) PHOSPHATES, AMMONIUM SALT - REACH registered number(s): 01-2119436357-36-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
700-161-3	-	-	Acute Tox. 1: H330; Aquatic Chronic 1: H410; STOT RE 2: H373	0.1-1%

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
- 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 mild irritation at the site of contact.
- Eye contact:** There may be irritation and redness.
- Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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: 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. 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

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

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 controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

REACTION MASS OF MIXED (3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDECAFLUOROCTYL) PHOSPHATES, AMMONIUM SALT

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0.3 mg/m ³	Workers	Local
DNEL	Dermal (repeated dose)	1.2 mg/bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	0.042 mg/m ³	Workers	Systemic
DNEL	Inhalation (repeated dose)	0.24 mg/m ³	Consumers	Local
DNEL	Dermal (repeated dose)	0.6 mg/kg/bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	0.0104 mg/m ³	Consumers	Systemic
DNEL	Oral (repeated dose)	0.006 mg/kg	Consumers	Systemic
PNEC	Fresh water	0.00093 mg/l	-	-
PNEC	Marine water	0.000093 mg/l	-	-
PNEC	Soil (agricultural)	1 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	100 mg/l	-	-

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid/Spray

Colour: Black

Odour: Barely perceptible odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: No data available.

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: No data available.

Autoflammability°C: No data available.

Relative density: 1.005-1.015

VOC g/l: No data available.

Melting point/range°C: No data available.

upper: No data available.

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

Vapour pressure: No data available.

pH: 7.7-8.7



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

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Section 11: Toxicological information

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

11.1. Information on toxicological effects

Hazardous ingredients:

REACTION MASS OF MIXED (3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDecaFLUOROOctYL) PHOSPHATES, AMMONIUM SALT

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

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

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

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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



Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Persistence and degradability: Biodegradable.

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: Avoid release to the environment.

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

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: H330: Fatal if inhaled.

H332: Harmful if inhaled.



H373: May cause damage to organs ([liver]) through prolonged or repeated exposure.

H410: Very 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.

