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## SAFETY DATA SHEET

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

#### 1.1 Product identifier

- Product Name: ALGAE ELIMINATOR
- UFI:

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

- Use of the substance/mixture: REMOVAL OF ORGANIC MATTER

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

- Name of Supplier: STONE CARE DIRECT
- Address of Supplier: Stone Care Direct Ltd  
Unit 28 Highcroft Industrial Estate  
Enterprise Road  
Horndean  
Waterlooville  
PO8 0BT
- Telephone: 0330 1339 590
- Responsible Person: PAUL CRANNEY
- Email: Office@stonecaredirect.co.uk

#### 1.4 Emergency telephone number

- Emergency Telephone: 0330 1339 590

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Aquatic Acute 1, Acute Tox. 4, Skin Corr. 1B, Aquatic Chronic 2

#### 2.2 Label elements



**GHS05**



**GHS09**



**GHS07**

- Signal Word:

##### 2.2.1 Hazard statements

- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H411 - Toxic to aquatic life with long lasting effects.
- H400 - Very toxic to aquatic life.

##### 2.2.2 Precautionary statements

- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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**SECTION 2: Hazards identification (....)**

P501 - Dispose of contents/container to  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P405 - Store locked up.  
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 or doctor/physician.  
P322 - Specific measures (see  
P321 - Specific treatment (see  
P330 - Rinse mouth.  
P264 - Wash  
P270 - Do not eat, drink or smoke when using this product.

**2.3 Other hazards**

- Contains: Quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides methanol

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**SECTION 3: Composition/information on ingredients****3.2 Mixtures****3.2.1 Quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides**

CAS Number: 68424-85-1  
EC Number: 270-325-2  
Concentration: 10 - 20%  
Specific Concentration Limits: None assigned  
M factor: 10;1  
Acute toxicity estimate:  
Categories: Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1  
Symbols: GHS05;GHS09;GHS07  
H Statements: H302;H314;H318;H410;H400  
M factor, acute: 10  
M factor, chronic: 1

**3.2.2 ethanol; ethyl alcohol**

CAS Number: 64-17-5  
EC Number: 200-578-6  
Concentration: <1%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Flam. Liq. 2, Eye Irrit. 2  
Symbols: GHS02;GHS07  
H Statements: H225;H319

**3.2.3 methanol**

CAS Number: 67-56-1  
EC Number: 200-659-6

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**SECTION 3: Composition/information on ingredients (....)**

Concentration: <1%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Flam. Liq. 2, Acute Tox. 3, STOT SE 1  
Symbols: GHS02;GHS06;GHS08  
H Statements: H225;H331;H301;H311;H370

**3.2.4 C10-16 ALKETH-2**

CAS Number: 68002-97-1  
EC Number:  
Concentration: <2%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1  
Symbols: GHS05;GHS09;GHS07  
H Statements: H302;H315;H318;H400

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**SECTION 4: First aid measures****4.1 Description of first aid measures**

- Call a POISON CENTRE or doctor if you feel unwell.
- Take off immediately all contaminated clothing.
- Wash contaminated clothing before reuse.
- Rinse mouth.

**4.2 Most important symptoms and effects, both acute and delayed****4.3 Indication of any immediate medical attention and special treatment needed**

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

**5.2 Special hazards arising from the substance or mixture**

- Not applicable

**5.3 Advice for firefighters**

- No information available

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- No special requirements

**6.2 Environmental precautions**

- No special requirements

**SECTION 6: Accidental release measures (....)****6.3 Methods and material for containment and cleaning up**

- Collect spillage.

**6.4 Reference to other sections**

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Call a POISON CENTRE or doctor if you feel unwell.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

**7.2 Conditions for safe storage, including any incompatibilities**

- Store locked up.

**7.3 Specific end use(s)**

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

- No exposure limits have been set for this substance

**8.2 Exposure controls**

- No special precautions are required for this product
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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
- Colour: Green
- Odour: Characteristic odour
- Melting point/Range: Not applicable
- Boiling Point/Range: Not available
- Flammability: Non-flammable
- pH: 7
- Solubility in water: Immiscible with water, Completely soluble in water
- Density: Density (water=1):
- Flashpoint: >93°C

**9.2 Other information**

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

**10.2 Chemical stability**

- Stable
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**SECTION 10: Stability and reactivity (....)****10.3 Possibility of hazardous reactions**

- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- No special precautions are required for this product

**10.5 Incompatible materials**

- None

**10.6 Hazardous decomposition products**

- No hazardous decomposition products known
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**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1 Acute toxicity**

|   |                           |
|---|---------------------------|
| LD <sub>50</sub> (oral) :                         | 795 mg/kg                 |
| LD <sub>50</sub> (dermal) :                       | 1,560 mg/kg               |
| Estimated LD <sub>50</sub> (inhalational) (ATE) : | >20 mg/l/4hr (gas/vapour) |

**11.1.2 Skin corrosion/irritation**

Not classified

**11.1.3 Serious eye damage/irritation**

Not classified

**11.1.4 Respiratory or skin sensitisation**

Not classified

**11.1.5 Germ cell mutagenicity**

Not classified

**11.1.6 Carcinogenicity**

Not classified

**11.1.7 Reproductive toxicity**

Not classified

**11.1.8 STOT (specific target organ toxicity) - single exposure**

Not classified

**11.1.9 STOT (specific target organ toxicity) - repeated exposure**

Not classified

**11.1.10 Aspiration hazard**

Not classified

**11.2 Information on other hazards**

**SECTION 12: Ecological information****12.1 Toxicity**

- No information available

**12.2 Persistence and degradability**

- No information available

**12.3 Bioaccumulative potential**

- No information available

**12.4 Mobility in soil**

- immiscible with water
- Completely soluble in water

**12.5 Results of PBT and vPvB assessment**

- Not a PBT according to REACH Annex XIII

**12.6 Endocrine disrupting properties**

- Not classified

**12.7 Other adverse effects**

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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Dispose of contents/container to an authorised waste collection point
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**SECTION 14: Transport information****Corrosive****Environmentally hazardous****14.1 UN number or ID number**

- UN No.: 1760

**14.2 UN proper shipping name**

- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.

**14.3 Transport hazard class(es)**

- Hazard Class: 8

**14.4 Packing group**

- Packing Group: II

**14.5 Environmental hazards**

- Marine Pollutant

**14.6 Special precautions for user**

- Contains: Quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides

**14.7 Maritime transport in bulk according to IMO instruments**

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## **SECTION 14: Transport information (....)**

- Not applicable
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## **SECTION 15: Regulatory information**

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

- 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).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
This product may impact SEVESO storage regulations.

### **15.2 Chemical safety assessment**

- A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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## **SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-  
**H225: Highly flammable liquid and vapour. H301: Toxic if swallowed. H302: Harmful if swallowed. H311: Toxic in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H370: Causes damage to organs. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

--- end of safety datasheet ---

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