

# PRODUCT SAFETY DATA SHEET

According to EC directive 91/155/EEC and subsequent amendments

Version: 2.0

Revision Date: 14.02.06

## GEOCEL® ECOCHEM BRICK & MORTAR CLEANER

### 1. Identification of the Product.

Commercial Name: Geocel® Ecochem Brick and Mortar Cleaner  
 Name and Address of Supplier: Geocel Limited  
 Western Wood Way  
 Langage Science Park  
 Plympton  
 Plymouth  
 PL7 5BG  
 United Kingdom  
 Main Switchboard: +44 (01752) 202060  
 Main Fax: +44 (01752) 334384

### 2. Composition/Information on Ingredients.

- **Chemical characterisation:**
- **Description:** Mixture of substances listed below nonhazardous additions.

• <b>Dangerous components:</b>			
CAS: 7446-70-0 EINECS: 231-208-1	aluminium chloride, anhydrous	C; R 34	≤ 2.5%
	Other ingredients		

**Additional information:** For the wording of the listed risk phrases refer to section 16.

### 3. Hazards Identification.

- **Hazard description:** Not applicable
- **Information concerning particular hazards for human and environment:**  
 The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 4. First Aid.

- **General information:** Immediately remove any clothing soiled by the product.
- **After Inhalation:** Seek medical attention in case of complaints.
- **After skin contact:** Generally the product does not irritate skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

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#### 5. Fire-Fighting Measures.

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** No special measures required.

#### 6. Accidental Release Measures.

- **Person-related safety precautions:** Not required
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

#### 7. Handling and Storage.

- **Handling:**
- **Information for safe handling:** Keep receptacles tightly sealed.
- **Information about fire - and explosion protection:** No special measures required.
  
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Protect from frost  
Use only polymer packing for storage and sending.

#### 8. Exposure Controls and Personal Protection.

- **Additional information about design of technical facilities:** No further data; see item 7.
  
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
  
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:** In case of frequent contact protective gloves.
- **Material of gloves:** Rubber gloves.

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- **Penetration time of glove material:**  
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.

#### 9. Physical and Chemical Properties.

• <b>General information</b>	
• <b>Form:</b>	Fluid
• <b>Colour:</b>	Light blue
• <b>Odour:</b>	Characteristic
• <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	0°C
<b>Boiling point/Boiling range:</b>	>100°C
• <b>Flash point:</b>	Not applicable
• <b>Self-igniting:</b>	Product is not self igniting.
• <b>Danger of explosion:</b>	Product does not present an explosion hazard.
• <b>Density at 20°C:</b>	1.146g/cm <sup>3</sup>
• <b>Solubility in/Miscibility with water:</b>	Fully miscible
• <b>pH-value at 20°C</b>	0.3

#### 10. Stability and Reactivity.

- **Thermal decomposition/ conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** Reacts with strong alkali.
- **Dangerous decomposition products:** No dangerous decomposition products known.

#### 11. Toxicological Information.

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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#### 12. Ecological Information.

- **Information about elimination (persistence and degradability):**  
The product is for 90% biodegradable after neutralisation.
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

#### 13. Disposal Considerations.

- **Product:**
- **Recommendation:** Smaller quantities can be disposed of with household waste.

<ul style="list-style-type: none"> <li>• <b>European waste catalogue</b></li> </ul>		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; border: none;">11 01 05</td> <td style="border: none;">pickling acids</td> </tr> </table>	11 01 05	pickling acids
11 01 05	pickling acids	

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommendation cleansing agents:** Water, if necessary together with cleansing agents.

#### 14. Transport Information.

<ul style="list-style-type: none"> <li>• <b>Land transport ADR/RID (cross-border)</b></li> <li>• <b>ADR/RID class:</b> -</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Maritime transport IMDG:</b></li> <li>• <b>IMDG class:</b> -</li> <li>• <b>Marine pollutant:</b> No</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Air transport ICAO-TI and IATA-DGR:</b></li> <li>• <b>ICAO/IATA Class:</b> -</li> </ul>

#### 15. Regulatory Information.

- **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Special labelling of certain preparations:**  
Safety data sheet available for professional user on request.
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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#### 16. Other Information.

This product safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Geocel product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Geocel Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Geocel shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Geocel supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Geocel supplier.

- **Relevant R-Phrases**  
34 Causes burns



**CONSTRUCTION COSMETICS**

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