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

1.1. Product identifier

Product form : Mixture
Product name : CELCOTE
Product code : CE 000 0078
Type of formulation : -
Active Ingredient : Polysaccharide

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

2.1. Relevant identified uses

Main use category : Agriculture. Horticulture.
Use of the substance/mixture : Soil additive.

2.1.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

CERTIS UK
1 Riverside
Granta Park
Great Abingdon
Cambridgeshire CB21 6AD
United Kingdom
Tel: +44 (0)845 373 0305
Fax: +44 (0)1223 891210
Email: certis@certiseurope.co.uk
Website: www.certiseurope.co.uk

1.4. Emergency telephone number

Emergency number : Certis Carechem24 multilingual 24 hours emergency number: +44 (0) 870 190 6777.
For advice on medical emergencies, fires, spillages or chemical hazards –phone: 0870 190 6777.
For further advice for medical professionals - The National Poisons Information Service:
Tel: 0870 600 6266 (UK only) or Dublin Tel: 0035 3 137 99 64/379966.
For further advice for veterinary surgeons: 020 7635 9195.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
No labelling applicable.
2.3. **Other hazards**
No additional information available

### SECTION 3: Composition/Information on ingredients

3.1. **Substance**
Not applicable.

3.2. **Mixture**
This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

### SECTION 4: First aid measures

4.1. **Description of first aid measures**
First-aid measures general

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the event of any complaints or symptoms, avoid further exposure.</td>
</tr>
</tbody>
</table>

4.2. **Most important symptoms and effects, both acute and delayed**

<table>
<thead>
<tr>
<th>Symptoms/injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>No information available</td>
</tr>
</tbody>
</table>

4.3. **Indication of any immediate medical attention and special treatment needed**

<table>
<thead>
<tr>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treat symptomatically</td>
</tr>
</tbody>
</table>

### SECTION 5: Firefighting measures

5.1. **Extinguishing media**

<table>
<thead>
<tr>
<th>Suitable extinguishing media</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water spray</td>
</tr>
<tr>
<td>Dry chemical powder</td>
</tr>
<tr>
<td>Alcohol resistant foam</td>
</tr>
<tr>
<td>Carbon dioxide (CO(_2)).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unsuitable extinguishing media</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water spray jet.</td>
</tr>
</tbody>
</table>

5.2. **Special hazards arising from the substance or mixture**
No additional information available.

5.3. **Advice for firefighters**

<table>
<thead>
<tr>
<th>Firefighting instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise caution when fighting any chemical fire.</td>
</tr>
<tr>
<td>Fight fire from safe distance and protected location.</td>
</tr>
<tr>
<td>Do not breathe fumes</td>
</tr>
<tr>
<td>Cool closed containers exposed to fire with water spray</td>
</tr>
<tr>
<td>If possible, take the containers out of dangerous zone.</td>
</tr>
<tr>
<td>Contain fire-fighting water with dikes or absorbents to prevent migration and entry into sewers, streams or groundwater.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Protection during firefighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wear suitable protective clothing, gloves, eye/face protection and respiratory protection</td>
</tr>
<tr>
<td>Wear a self-contained breathing apparatus.</td>
</tr>
</tbody>
</table>

### SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**

<table>
<thead>
<tr>
<th>Protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wear suitable protective clothing.</td>
</tr>
</tbody>
</table>
Emergency procedures

Evacuate area.

Ensure adequate ventilation.

Contain any spills with dikes or absorbents to prevent migration and entry into sewers, streams or groundwater.

6.2. Environmental precautions

No additional information available.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Clean up any spills as soon as possible, collect spilled material with shovels, buckets and place in closed containers and label properly.

Remove according to national or local legislation.

In the event of major spillage: contact an expert.

6.4. Reference to other sections

No additional information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Read label before use.

Wear suitable protective clothing.

Hygiene measures

Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Contaminated work clothing should not be allowed out of the workplace.

Do not eat, drink or smoke when using this product.

Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Provide adequate ventilation.

7.3. Specific end use(s)

Soil additive for agricultural or horticultural use. Refer to the label.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment

Protective clothing. Gloves.
Hygiene measures

- Remove and wash contaminated clothing before re-use.
- Do not eat, drink or smoke while handling the product.
- Clean gloves with soap and water before removing.
- Wash hands and face with soap and water before eating, drinking, smoking and immediately after handling product.
- Clean equipment, premises and work clothes regularly.
- Work clothing should remain on the work area and stored separately from street clothes.

Environmental exposure controls

- Do not contaminate surface and groundwater.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Colour</td>
<td>Off-white</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>12</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>320</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

Is not explosive and does not exhibit oxidant properties.
10.4. Conditions to avoid
No additional information available

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified

<table>
<thead>
<tr>
<th>CELCOTE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

Irritation : Not classified
Corrosivity : Not classified
Sensitisation : Not classified
Repeated dose toxicity : Not classified
Carcinogenicity : Not classified
Mutagenicity : Not classified
Toxicity for reproduction : Not classified

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
No additional information available

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number
No dangerous good in sense of transport regulations

14.2. UN proper shipping name
Not applicable

14.3. Transport hazard class(es)
Not applicable
14.4. Packing group
Not applicable

14.5. Environmental hazards
Other information : No supplementary information available.

14.6. Special precautions for user
14.6.1. Overland transport
No additional information available

14.6.2. Transport by sea
No additional information available

14.6.3. Air transport
No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1. EU-Regulations
No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product