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

1.1 Product identifier

Clay Bar

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

1.2.1 Relevant uses

See product information.

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Supagard
19-29 Gavinton Street
G44 3EF
Phone 0141 633 3005
Fax 0141 637 7219
Homepage www.supagard.co.uk
E-mail James.Smyth@supagard.com

Address enquiries to

Technical information
James.Smyth@supagard.com

Safety Data Sheet
James.Smyth@supagard.com

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (english)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

No classification.

2.2 Label elements

Hazard pictograms
none

Hazard statements
none

2.3 Other hazards

Environmental hazards
Does not contain any PBT or vPvB substances.

Other hazards
none

SECTION 3: Composition / Information on ingredients

Product-type:
The product is a mixture.

<table>
<thead>
<tr>
<th>Range [%]</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>70 - &lt;100</td>
<td>Limestone</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Castor oil, oxidized</td>
</tr>
<tr>
<td></td>
<td>CAS: 68187-84-8, EINECS/ELINCS: 269-128-4</td>
</tr>
</tbody>
</table>

Comment on component parts

No dangerous components.
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
SECTION 4: First aid measures

4.1 Description of first aid measures

General information: None

Inhalation: In the event of symptoms seek medical treatment.

Skin contact: Consult a doctor if skin irritation persists.

Eye contact: In case of contact with eyes rinse thoroughly with water.

Ingestion: Seek medical advice immediately. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media:
- Foam.
- Dry powder.
- Water spray jet.
- Carbon dioxide.

Extinguishing media that must not be used:
- Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures necessary.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.

Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

The normal safety precautions for handling chemicals must be observed.

Wash hands before breaks and after work.

Use barrier skin cream.
7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with food and animal food/diet.
Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

<table>
<thead>
<tr>
<th>Substance</th>
<th>Long-term exposure: 10 mg/m³, inhalable dust; respirable dust: 4 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td></td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Additional advice on system design

Ensure adequate ventilation on workstation.

Eye protection

Not required under normal conditions.

Hand protection

The details concerned are recommendations. Please contact the glove supplier for further information.

0,4mm Butyl rubber, >120 min (EN 374).

Skin protection

Not required under normal conditions.

Other

Avoid contact with eyes.

Respiratory protection

Not required under normal conditions.

Thermal hazards

none

Delimitation and monitoring of the environmental exposition

Comply with applicable environmental regulations limiting discharge to air, water and soil.
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **Form**: solid
- **Color**: green
- **Odor**: odourless
- **Odour threshold**: not determined
- **pH-value**: not applicable
- **pH-value [1%]**: not applicable
- **Boiling point [°C]**: not determined
- **Flash point [°C]**: >94
- **Flammability (solid, gas) [°C]**: not applicable
- **Lower explosion limit**: not applicable
- **Upper explosion limit**: not applicable
- **Oxidizing properties**: no
- **Vapour pressure/gas pressure [kPa]**: not determined
- **Density [g/ml]**: 2.4
- **Bulk density [kg/m³]**: not applicable
- **Solubility in water**: insoluble
- **Partition coefficient [n-octanol/water]**: not determined
- **Viscosity**: not applicable
- **Relative vapour density determined in air**: not applicable
- **Evaporation speed**: not applicable
- **Melting point [°C]**: not determined
- **Autoignition temperature [°C]**: not determined
- **Decomposition temperature [°C]**: not determined

9.2 Other information

- none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

not applicable

10.6 Hazardous decomposition products

No hazardous decomposition products known.
SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD50, oral, Rat: &gt; 2000 mg/kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone, CAS: 1317-65-3</td>
<td></td>
</tr>
</tbody>
</table>

- **Serious eye damage/irritation**: Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation**: Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**: Based on available data, the classification criteria are not met.
- **Specific target organ toxicity — single exposure**: Based on available data, the classification criteria are not met.
- **Specific target organ toxicity — repeated exposure**: Based on available data, the classification criteria are not met.
- **Mutagenicity**: Based on available data, the classification criteria are not met.
- **Reproduction toxicity**: Based on available data, the classification criteria are not met.
- **Carcinogenicity**: Based on available data, the classification criteria are not met.

General remarks: No classification on the basis of the calculation procedure of the preparation directive.

SECTION 12: Ecological information

12.1 Toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50, (96h), Oncorhynchus mykiss: &gt; 10000 mg/l.</th>
<th>EC50, (48h), Daphnia magna: &gt; 1000 mg/l.</th>
<th>EC50, (72h), Desmodesmus subspicatus: &gt; 200 mg/l.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone, CAS: 1317-65-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

- **Behaviour in environment compartments**: not determined
- **Behaviour in sewage plant**: not determined
- **Biological degradability**: not determined

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

not applicable

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

None known.
SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

For recycling, consult manufacturer.

Waste no. (recommended) 060314

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150102

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable
14.4 Packing group
Transport by land according to ADR/RID: not applicable
Inland navigation (ADN): not applicable
Marine transport in accordance with IMDG: not applicable
Air transport in accordance with IATA: not applicable

14.5 Environmental hazards
Transport by land according to ADR/RID: no
Inland navigation (ADN): no
Marine transport in accordance with IMDG: no
Air transport in accordance with IATA: no

14.6 Special precautions for user
Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code
not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EEC-REGULATIONS
TRANSPORT-REGULATIONS
NATIONAL REGULATIONS (GB):
CHIP 3/ CHIP 4
- Observe employment restrictions for people: no
- VOC (1999/13/CE): 0%

15.2 Chemical safety assessment
not applicable
SECTION 16: Other information

16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.2 Other information

Classification procedure

Modified position

SECTION 7 been added: The normal safety precautions for handling chemicals must be observed.

SECTION 8 been added: Comply with applicable environmental regulations limiting discharge to air, water and soil.

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