1. Identification of the substance/preparation and company

Product
Product name
SIKALITE

Manufacturer/supplier information
Manufacturer/supplier: Sika South Africa (Pty) Ltd
Street/postbox: P.O. Box 15408
Town/City and Post Code: 3608 Pinetown
Country: South Africa
Phone: +27 31 792 65 00
Telefax: +27 31 700 17 60
General information:
Emergency information phone:
+27 31 792 65 00

* 2. Composition/information on ingredients

Chemical characterization
Mixture of lignon sulphonate, carbonates and additives

Hazardous ingredients
Designation according to 67/548/EEC
CAS No. Concentration Danger symbols R phrases
EC No.
· Aluminium sodium oxide
  11138-49-1 2.5 - 10 % C 35
  234-391-6

* 3. Hazards identification

Hazard identification
C Corrosive

Information on hazards to man and to the environment
34 Causes burns.

* 4. First-aid measures

National regulations
General instructions
In any case show the physician the Safety Data Sheet

After inhalation
In the event of symptoms take medical treatment.
In case of irritation when dust is inhaled, provide for plenty of fresh air.

After skin contact
In case of contact with skin wash off immediately with soap and water
* 4. First-aid measures (continued)

Consult a doctor if skin irritation persists.

After eye contact
In case of contact with the eyes, rinse immediately for at least
15 minutes with plenty of water.
Summon a doctor immediately.

After ingestion
Turn a vomiting person lying on his back onto his side.
Summon a doctor immediately.

* 5. Fire-fighting measures

Suitable extinguishing media
compatible with all usual extinguishing media

Exposure hazard arising from the product, its combustion products or
resulting gases
In the event of fire the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO2)
Nitrogen oxides (NOx)

Additional information
Fire residues and contaminated firefighting medium must be disposed
of in accordance with the local regulations.
Collect contaminated firefighting water separately, must not
be discharged into the drains.

* 6. Accidental release measures

Personal precautions
Ensure adequate ventilation.
Use personal protective clothing.
Use breathing apparatus if exposed to vapours/dust/aerosol.
Avoid dust formation.

Environmental precautions
Do not allow to enter drains or waterways
In case of entry into waterways, soil or drains, inform the responsible authorities.

Procedures for cleaning up
Pick up mechanically
When picked up, treat material as prescribed under heading "Disposal".
* 7. Handling and storage

Handling
Instructions for safe handling
See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection
Avoid formation of dust

Storage
Requirements for storage rooms and containers
Keep container tightly closed and dry in a cool, well-ventilated place

Combined storage instructions
Keep away from food, beverages and animal feedstocks.

Additional information regarding storage
Protect from frost.
Protect from heat and direct sunlight
Protect from atmospheric moisture and water

8. Exposure controls/personal protection

Personal protective equipment
General protective and hygiene measures
Take care for sufficient ventilation or exhaust on the workshop place.
Avoid contact with eyes and skin
Use barrier skin cream.
Remove soiled or soaked clothing immediately.
Do not eat, drink or smoke during work time.
Wash hands before breaks and after work.
Do not inhale dust

Respiratory protection
In case of dust formation, use a fine dust face mask.

Hand protection
Butyl rubber gloves

Eye protection
Safety glasses

Body protection
Working clothes

9. Physical and chemical properties
### 9. Physical and chemical properties (continued)

**Appearance**
- Physical state: Powder
- Colour: light brown
- Odour: pungent

**Data relevant to safety**

<table>
<thead>
<tr>
<th>Property</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Vapour pressure at 20°C</td>
<td>not applicable</td>
</tr>
<tr>
<td>Loose bulk density</td>
<td>approx. 0.88 g/cm³</td>
</tr>
<tr>
<td>Solubility in water at 20°C</td>
<td>12 %</td>
</tr>
<tr>
<td>pH value at 20°C (10g/100ml water)</td>
<td>11</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

**Materials to avoid/dangerous reactions**
- No hazardous reactions when stored and handled according to prescribed instructions.

**Thermal decomposition and hazardous decomposition products**
- No decomposition if used as prescribed.

### 11. Toxicological information

**Sensitization**
- Allergic reactions can be observed by sensitive persons.

**Experience on humans**
- When skin contact:
  - May cause irritation.
- When eyes contact:
  - Irritation.
- When inhalation:
  - Irritation.
- When swallowed:
  - Small amount may cause considerable health disorders.

### 12. Ecological information

**Additional information**
- Product is slightly water polluting.
- Due to the high pH, aquatic organisms may be harmed.
- Do not allow to enter waste water drain, waterways or soil.
13. Disposal considerations

Packaging
Recommendations
Completely emptied packagings can be given for recycling.
Provided that the contents make it necessary, the packaging containing remains should be preliminary treated (e.g. rinsed, neutralized, concreted, emptied).

* 14. Transport information

ADR/RID
Further information
No dangerous goods.

IMO/IMDG
Marine pollutant: no
Further information
No dangerous goods.

IATA/ICAO
UN 3262    Class:    8    Packing group:       III
Proper shipping name
Corrosive solid, basic, inorganic, n.o.s.
contains: Sodium aluminate, mixture
Label No.:           8

* 15. Regulatory information

Labelling according to EEC Directive
The product is classified and labelled in accordance with EC directives/the relevant national laws.
Relevant hazardous ingredients for labelling
Contains: Aluminium sodium oxide

Danger symbols
C        Corrosive

R phrases
34       Causes burns.

S phrases
26       In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
45       In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
**16. Other information**

* asterisk (*) on left margin marks modification of previous version

Recommended use: Chemical product for construction and industry

R-phrases of the ingredients listed in chapter 2

35 Causes severe burns.

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.