1. Identification of the substance/preparation and company

Product

Product name
SIKA 2

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 alkaline salts and alkaline earth metals

Hazardous ingredients

Designation according to 67/548/EEC
CAS No. Concentration Danger symbols R phrases
EC No.
· Sodium hydroxide
1310-73-2 1 - 2.5 % C 35
215-185-5

3. Hazards identification

Hazards identification
Xi Irritant

Information on hazards to man and to the environment
36/38 Irritating to eyes and skin.

4. First-aid measures

National regulations

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

After inhalation
Ensure supply of fresh air.
In the event of symptoms take medical treatment.

After skin contact
In case of contact with skin wash off immediately with soap and water
4. First-aid measures (continued)
   Remove soiled or soaked clothing immediately, do not allow to dry.
   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
   Do not induce vomiting.
   Summon a doctor immediately.

5. Fire-fighting measures
   Suitable extinguishing media
   Extinguishing media suitable to the surrounding fire.

   Unsuitable extinguishing media for safety reasons
   Full water jet

   Exposure hazard arising from the product, its combustion products or
   resulting gases
   Not applicable.

   Special protective equipment for fire-fighting
   Use breathing apparatus.

   Additional information
   Product of itself does not burn.
   Cool containers with water spray jet.
   Fire residues and contaminated firefighting medium must be disposed
   of in accordance with the local regulations.

6. Accidental release measures

   Personal precautions
   Ensure adequate ventilation.
   Use personal protective clothing.

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

   Procedures for cleaning up
   Pick up with absorbent material.
   When picked up, treat material as prescribed under heading "Disposal".
   Remove residues with water.
7. Handling and storage

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

  - Instructions for fire and explosion protection
  Not applicable.

Storage
- Requirements for storage rooms and containers
  Keep container tightly closed 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

8. Exposure controls/personal protection

Personal protective equipment
- General protective and hygiene measures
  Do not eat, drink or smoke during work time.
  Wash hands before breaks and after work.
  Remove soiled or soaked clothing immediately.
  Observe the usual precautions when handling chemicals.

  - Respiratory protection
  Not applicable.

  - Hand protection
  Rubber gloves

  - Eye protection
  Safety glasses/face shield

  - Body protection
  Working clothes

9. Physical and chemical properties

Appearance
- Physical state:     liquid
- Colour:             red
- Odour:              odourless

Data relevant to safety
- Boiling point       > 100 °C
- Flash point         not applicable
9. Physical and chemical properties (continued)

- Density at 20°C: from 1.24 - 1.2 g/cm³
- Solubility in water at 20°C: miscible
- pH value at 20°C: from 11 - 13
- Viscosity at 20°C: approx. 10 mPas Contraves-Visc.

10. Stability and reactivity

Conditions to avoid
- Not any known.

Materials to avoid/dangerous reactions
- Reactions with strong acids.

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

11. Toxicological information

Sensitization
- So far no sensitization effects known.

Experience on humans
When skin contact:
- Irritation.
When eyes contact:
- Causes burns.
- May cause irreversible damage to eyes.
When inhalation:
- May cause irritation.
When swallowed:
- Causes burns.
- Small amount may cause considerable health disorders.

12. Ecological information

Additional information
- Due to the high pH, aquatic organisms may be harmed.
- Do not allow to enter waste water drain, waterways or soil.

13. Disposal considerations
13. Disposal considerations (continued)

Product
Recommendations
Dispose of in accordance with local authority regulations.

Packaging
Recommendations
Emptied packaging to dispose in accordance with local authority regulations

14. Transport information

IMO/IMDG
Further information
No dangerous goods.

IATA/ICAO
Further information
No dangerous goods.

15. Regulatory information

Labelling according to EEC Directive
The product is classified and labelled in accordance with EC directives/the relevant national laws.

Danger symbols
Xi Irritant

R phrases
36/38 Irritating to eyes and skin.

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.