



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 13429
Product Name : SODA LIME with INDICATOR

Manufacturer/supplier identification

Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No.: 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients :

Name according to EC Directives : Calcium Hydroxide
Hazard symbols : Xi R-phases : 41
EC-Index-No. : None Risk of serious damage to eyes.
CAS-No : 1310-58-3 Content : z 50 %

Name according to EC Directives : Potassium Hydroxide

Hazard symbols : C R-phases : 35
EC-Index-No. : 019-002-00-8 Causes severe burns
CAS-No. : 1310-58-3 Content : z 2 - 5 %

Name according to EC Directives : Sodium Hydroxide

Hazard symbols : C R-phases : 35
EC-Index-No. : 011-002-00-6 Causes severe burns
CAS-No. : 1310-73-2 Content : z 2 - 5 %

3. HAZARDS IDENTIFICATION

Causes severe burns.

4. FIRST AID MEASURES

After inhalation : Fresh air. Summon doctor.

After skin contact : Wash off with plenty of water. Dab with polyethylene glycol 400. Immediately remove contaminated clothing.

After eye contact : Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Immediately summon eye specialist.

After swallowing : Make victim drink plenty of water (if necessary several litres), avoid vomiting (risk of perforation!). Immediately summon doctor.

Do not attempt to neutralize.



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5. FIRE-FIGHTING MEASURES :

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.

Special risks : Hydrogen may form upon contact with light metals
(danger of explosion!).

Special protective equipment for fire fighting : Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Other information : Non-combustible.

Prevent fire-fighting water from entering surface water or groundwater.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures : Avoid substance contact.

Environmental-protection measures: Do not allow to enter sewerage system.

Procedures for cleaning/absorption : Take up dry. Forward for disposal.
Clean up affected area. Avoid generation of dusts.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry.

Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION :

Respiratory protection: Required when dust are generated.

Eye protection : Required

Hand protection : Required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Other protective equipment : Suitable protective clothing.

Industrial hygiene : Immediately change contaminated clothing. Apply skin-protective barrier cream. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid

Colour : White to grey



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Odour	: Odourless
pH value at 50 gm/lt.H ₂ O (20° C)	: Alkaline (filtered slurry)
Melting temperature	: Not available
Boiling temperature	: Not available
Ignition temperature	: Not available
Flash point	: Not available
Explosion limits Lower	: Not available
Upper	: Not available
Relative vapour density	: Not available
Density	: Not available
Bulk density	: ~750 kg/m ³
Solubility in water (20° C)	: Insoluble
Particle size	: 2 - 5 mm

10. STABILITY & REACTIVITY :

Conditions to be avoided : No information available
Substances to be avoided : Violent reactions possible with : acids.
Hazardous decomposition products : No information available

Further information: sensitive to moisture; incompatible with (in the presence of atmospheric oxygen and or moisture) : various metals and metal alloys.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : Quantitative data on the toxicity of this product are not available.

Further toxicological information :
After inhalation of dust : Burns of mucous membranes
After skin contact : Burns.
After eye contact : Burns. Risk of corneal clouding.
After swallowing : Risk of perforation in the oesophagus and stomach.

12. ECOLOGICAL INFORMATION

Ecotoxic effects : Toxic for aquatic organisms. Harmful effect due to pH shift.

Further ecologic data : Do not allow to enter waters, waste water or soil!

13. DISPOSAL METHOD

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like house-hold waste or recycled.

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal

