



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 93829
Product Name : SILICA GEL (230-400 MESH)

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

Silicon dioxide amorphous Mesoporous silica gel.
Molar mass : 60.09

3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/ EEC and laid down in the legislation of the country concerned is not required.

4. FIRST AID MEASURES

After skin contact : Wash off with water.
After eye contact : Rinse out with water .
After swallowing (large amounts) : Consult doctor if feeling unwell.
After inhalation : Fresh air.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media :
In adaption to materials stored in the immediate neighbourhood.
Special risks : None-combustible.

6. ACCIDENTAL RELEASE MEASURES

Procedure for cleaning /absorption : Take up dry. Forward for disposal .
Clean up affected area.

7. HANDLING AND STORAGE

Handling : No further requirements.
Storage : Store tightly closed and dry at Room temperature(+_15° C to + 25°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Required when dusts are generated.
Eye protection : Required



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Hand protection : Not required
Industrial hygiene : Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid.
Colour : White
Odour : Odourless
PH value at 100g/l H₂O (20°C) : Near 7 (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 : Near 470 kg/m³
Solubility in water (20°C) : Insoluble
Particle size : 40-63 um
Mean pore diameter : 6 nm

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.
Substance to be avoided : Data from literature :Hydrogen halides, halogen oxides, light metals/heat, xenon hexa fluoride. No first-hand knowledge of hazardous properties.
Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION

This is a generally physiologically inert substance that displays no hazardous properties after oral intake and skin contact and after inhalation of its dusts as long as the total dust limit for silicic acid is adhered to . Intensive contact with the eye may lead to irritation symptoms.

12. ECOLOGICAL INFORMATION

Further ecologic data : No ecological problems are to be expected when the product is handled and used with due care and attention.



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13. DISPOSAL METHOD

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

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 household waste or recycled

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : -----
R- Phrases : -----
S-phrases : 22 Do not breathe dust.

Water pollution class : 0 (generally non polluting substance) (own classification)

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.