



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No.: B13029

Product Name: **BENTONITE POWDER**
(ALUMINIUM SILICATE HYDRATE)

Manufacturer / supplier identification

Company : NICE CHEMICALS PVT.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

CAS-No : 1302-78-9
Molecular formula : $\text{Al}_2\text{O}_3 \cdot 4\text{SiO}_2 \cdot \text{H}_2\text{O}$

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.



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4. FIRST AID MEASURES

Eye and skin contact: Rinse out with water. Remove contaminated clothing .

After inhalation : fresh air.

After swallowing : make the victim drink plenty of water , induce vomiting.
Consult doctor if feeling unwell.

5. FIRE – FIGHTING MEASURES

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

Special risks : None

Other information : Non combustible.

6. ACCIDENTAL RELEASE MEASURES

Person related precautionary measures: Avoid generation of dusts; do not inhale dusts.

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

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated.

Eye protection : required

Hand protection : required

Industrial hygiene : Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	powder
Colour	:	Pale brown
Odour	:	Not available
PH value	:	Not available
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	:	Not available
Solubility in water(20°C)	:	less soluble



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10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available
Substance to be avoided : No information available
Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL METHOD

Product

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 that you corresponding laws and regulations. We recommend contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.



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Packaging

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 : No subject to transport regulations.

15.REGULATORY INFORMATION

Labelling according to EC Directives

Symbol: -----

R-phrases: -----

S-phrases: -----

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

16. OTHER INFORMATION

The information contained here in is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.
