



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 14529
Product Name : **SULPHUR POWDER**
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 Telefax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 7704-34-9 Molar mass : 32.06
EC-No. : 231-722-6 Molecular Formula: S

3. HAZARDS IDENTIFICATION

No suitable data for toxicological evaluation are available.
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.
In this context, hazardous properties can therefore not be excluded.

3. FIRST AID MEASURES

After inhalation : fresh air. If necessary mouth to mouth resuscitation or mechanical ventilation. Summon doctor.
After skin contact: wash off with plenty of water .Remove contaminated clothing

After eye contact: rinse out with plenty of water . summon doctor.
After swallowing: Make victim drink plenty of water, induce vomiting, summon doctor. Laxative: Sodium sulphate (1tablespoon /1/4l water) .

4. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Water, foam, powder, carbon dioxide.
Special risks : combustible. Vapours heavier than air.
Development of hazardous combustion gases or vapours possible in the event of fire.
The following may develop in the event of fire: sulphur oxides, hydrogen sulfide.
Special protective equipment for fire fighting: Do not stay in dangerous zone without suitable chemical protection clothing and self contained breathing apparatus. Other information: Prevent fire fighting water from entering surface water or ground water.

5. ACCIDENTAL RELEASE MEASURES

Procedures for cleaning / absorption : Take up carefully. Forward for disposal. Clean up affected area.
Person – related precautionary measures :
Avoid inhalation of dusts in all circumstances .
Environmental protection measures: Do not allow to enter sewage system.



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7. HANDLING AND STORAGE :

Handling : No further requirements.
Storage : Tightly closed . Dry . Keep away from sources of ignition and heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when vapours/ aerosols are generated .
Eye protection : required
Hand protection : required

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

Industrial hygiene : Change contaminated clothing . Application of skin protective barrier cream recommended. Wash hands after working with substance .

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	solid
Colour	:	light yellow
Odour	:	weak characteristic odour
PH value	:	not available
Melting temperature	:	111-119 °C
Boiling temperature	:	444 °C
Ignition temperature	:	235 °C
Flash point	:	168-207 °C
Explosion limits lower	:	not available
Upper	:	not available
Relative vapour density	:	Not available
Density (20°C)	:	1.80-2.06 g/cm ³
Solubility in water (20°C)	:	insoluble.

10. STABILITY AND REACTIVITY

Conditions to be avoided : Avoid generation of dusts.

Substance to be avoided :alkali metals, alkaline earth metals, metals, metallic oxides, non metals, non-metallic oxides, fluorine, halogen- halogen compounds, oxidizing agents, peroxi compounds, nitrites, hydrides, nitrides, carbides, sulphides, lithium silicide, silicon compounds, carbon disulphide, ethers, acetylidene, organic nitro compounds; with mineral acids and oxidizing agent 9 formation of sulphuric acid) ; Violent reactions possible with: chlorates, nitrates, perchlorates, permanganates.



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Hazardous decomposition products : in the event of fire: sulphur oxides.

Further information: highly inflammable; dust explosion possible; heat sensitive; incompatible with copper , steel.

11. TOXICOLOGICAL INFORMATION : Acute toxicity: quantitative data on the toxicity of this product are not

available.

Further toxicological information

After eye contact: slight irritations.

After swallowing: poorly absorbed, diarrhoea.

Further data: Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions. No toxic effects are to be expected when the product is handled appropriately.

12. ECOLOGICAL INFORMATION : Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.

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

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 & 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 as 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 subjected to transport regulations.

15. REGULATORY INFORMATION :

Labelling according to EC Directives

Symbol :

R- Phrases :

S-phrases :

Water pollution class : 0 (non polluting substance)

16. OTHER INFORMATION

Reason for alteration

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.
