



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : F 10833
Product Name : FERROUS SULPHIDE STICKS

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

Synonyms : IRON(II) SULPHIDE STICKS

CAS-No : 1317-37-9 EC-Index No. : ----
Molar Mass : 87.92 EC-No. : 215-268-6
Molecular Formula : FeS

3. HAZARDS INDEX : 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 : Eye and skin contact : Rinse out with water.
Remove contaminated clothing.
After swallowing : Make victim drink plenty of water,
induce vomiting, summon doctor.

5. FIRE-FIGHTING MEASURES : Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.



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6. ACCIDENTAL RELEASE MEASURES: Take up dry. Forward for disposal.
Clean up affected area.

7. HANDLING AND STORAGE : Handling : No further requirements.
Storage : Tightly closed, dry,
in a well-ventilated place.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection :
Required when dust are generated.
Eye protection : Required
Hand protection : Not required
Industrial hygiene : Change contaminated clothing.
Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Solid
Colour	: Greyish-black
Odour	: Almost odourless
pH value	: Not available
Melting temperature	: Near 1195 ° C
Boiling temperature	: Not available
Ignition temperature	: Not available
Flash Point	: Not applicable
Explosion limit lower	: Not available
upper	: Not available
Relative vapour density	: Not available
Density (20 ° C)	: 4.8 gm/cm ³
Bulk Density	: Near 1500 -2000 kg/m ³
Solubility in Water (20 ° C)	: Almost insoluble



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10. STABILITY & REACTIVITY : Conditions to be avoided : No information available

Substances to be avoided : With air, Acids

Hazardous decomposition products :

No information available

11. TOXICOLOGICAL INFORMATION

The following applies to sulphides in general :

Release of hydrogen Sulphide (CNS disorders, impaired locomotor coordination, cardiovascular disorders) in the stomach possible after swallowing. After absorption of toxic quantities; drop in blood pressure.

12. TOXICOLOGICAL INFORMATION

The following applies to sulphides in general :

Toxic for aquatic organisms : e.g. sodium sulphide: leiscus idus : LC 25 mg/l.; ammonium sulphide : fish : C.auratus 72h. lethal from 100 mg/l. up. H₂S may form even in a dilute acidic environment. The following applies to H₂S : biological effects : fish : toxic from 0,5mg/l. up; sulphide has a harmful effect on plankton and fish; hazard for drinking water!

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



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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 : ---

Water pollution class : 1 (slightly polluting substance)
(own classification)

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.
