



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 20109
Product Name : SAFRANINE M.S.

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

Synonyms : Safranine O Certistain

CAS-No : 477-73-6-6 Ec-Index No. :
Molar Mass : 350-88 EC-No. : 207-518-8
Molecular Formula : C₂₀H₁₉CIN₄

3. HAZARD INDEX

No evaluative data are available. A classification according to categories of danger as specified in Directive 67/548/EEC & laid down in the legislation of the country concerned can therefore not be made. In this context, hazardous properties can therefore not be excluded.

4. FIRST AID MEASURES

After inhalation : fresh air.
After skin contact : wash off with plenty of water. Remove contaminated clothing.
After eye contact : Rinse out with plenty of water with the eyelid held wide open.
Summon eye specialist.
After swallowing : make victim drink plenty of water induce vomiting,
summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : CO₂, foam, powder.
Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

6. ACCIDENTAL RELEASE MEASURES

Take up dry. Forward for disposal. Clean up affected area.

7. HANDLING AND STORAGE

Handling - store protected from solvents.
Storage - Store tightly closed and dry.



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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye Protection : Required

Hand Protection : Required

Industrial hygiene : Change contaminated clothing.

Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Reddish-brown
Odour	:	Odourless
pH value at 50 g/l H ₂ O (20° C)	:	Near 10
Melting temperature	:	Not available
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	:	Not available
Bulk density	:	Near 400 Kg/m ³
Solubility in Water (20° C)	:	50 gm/lt.
Ether (20° C)	:	Insoluble

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available

Substances 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.

Further toxicological information : The data available to us do not suffice to
Permit any industrial-toxicological assessment.

Further data: Hazardous properties cannot be excluded. The product should be
handled with the care usual when dealing with chemicals.

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12. ECOLOGICAL INFORMATION

Ecotoxic effects : Biological effects :
Quantitative data on the ecological effects of this products are not available.
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 companies which will advise you on how to dispose of special waste.

14. Transport information : Not subject to transport regulations.

15. REGULATORY INFORMATION :

Labeling according to EC Directives

Symbol : -----

R-phrases : -----

S-phrases : -----

Water pollution class : 2 (polluting substance) (provisional classification)

16. OTHER INFORMATION :

Reason for alteration

Change in labeling.

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.