



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No.: D 30201
Product Name: **2,7-DICHLOROFLUORESCEIN**

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 – 2788700/701/702

Contact for Information : Tel . No. – 0484 - 2788725/726

Emergency Telephone No. : 0484 - 2788725/726

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 76-54-0 EC –No. 200-968-6
Molar mass : 401.21 g/mol
Molecular formula : C₂₀H₁₀Cl₂O₅

3. HAZARDS IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC.

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.

After swallowing : Make victim drink plenty of water, induce vomiting. Consult doctor.



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5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : water, foam.

Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire : Hydrochloric acid.

Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained breathing apparatus.

Other information : Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or ground water.

6. ACCIDENTAL RELEASE MEASURES

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

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

Environmental-protection measures : Do not allow to enter sewerage system.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry. At +5°C to +30°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment :

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

Respiratory protection : required when dust are generated.

Eye protection : required

Hand protection : required

Industrial hygiene : Change contaminated clothing. Wash hands after working with substance.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Form : solid
Colour : orange – yellow
Odour : odourless
PH value at 100 g/l H₂O (20⁰C): 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
Density (20⁰C) : Not available
Bulk density : ~ 390 Kg/m³
Solubility in water(20⁰C) : Insoluble
Ethanol (20⁰C) : 40 g/l

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.

Substance to be avoided : No information available.

Hazardous decomposition products : In the event of fire : see chapter 5.

11. TOXICOLOGICAL INFORMATION

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

Further toxicological information : Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Further data : The product should be handled with the care usual when dealing with chemicals.



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12. ECOLOGICAL INFORMATION

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

Further ecological data : Do not allow to enter waters, waste water or soil.

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.

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: -----



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16. OTHER INFORMATION

Reason for alteration : Chapter 1 : change in product name. General update.

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.