



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : C 41901  
Product Name : CHLOROPHENOL RED INDICATOR

### 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

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : 3,3``-Dichlorophenolsulfonphthalein  
CAS-No. : 4430-20-0  
Molar mass : 423.27  
EC –No. : 224-619-2  
Molecular formula :  $C_{19}H_{12}Cl_2O_5S$

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## 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 concerned is not required.

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## 4. FIRST AID MEASURES

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



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After inhalation : Fresh air.

After swallowing : Drink plenty of water, induce vomiting,  
summon doctor.

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### 5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Water, CO<sub>2</sub>, powder, foam.

Special risks: Combustible.

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### 6. ACCIDENTAL RELEASE MEASURES

Take up dry. Forward for disposal. Clean up effected area with water.

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### 7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed and 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 : Change contaminated clothing. Wash hands after working with substance.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Brown
Odour	:	Phenol-like
PH value	:	Not available
Melting temperature:		Near 261 °C
Boiling temperature :		Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Vapour pressure	:	Not available
Relative vapour density:		Not available
Density	:	Not available
Bulk density	:	Near 720 kg/m <sup>3</sup>
Solubility in water(20°C) :		In soluble
Ethanol (20° C) :		Near 200 g/l

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### 10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available

Substances to be avoided : No information available

Hazardous decomposition products : No information available.

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### 11. TOXICOLOGICAL INFORMATION

Quantitative data on the toxicity of this are not available. Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. The product should be handled with the care usual when dealing with chemicals.

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### 12. ECOLOGICAL INFORMATION

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

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### 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 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 house-hold waste or recycled

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**14. TRANSPORT INFORMATION** : No subject to transport regulations.

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### 15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol	:	-----
R-phrases	:	-----
S-phrases	:	-----
Water pollution class	:	-----

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### 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.

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