



# SAFETY DATA SHEET

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

Catalogue No.: D 11625

Product Name: **1,3-DICHLOROBENZENE 98%**

Manufacturer / supplier identification

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

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 541-73-1                      EC –No. 208-792-1  
Molar mass : 147.00 g/mol  
Molecular formula : C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>

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## 3. HAZARDS IDENTIFICATION

Harmful if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## 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.

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

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## **5. FIRE – FIGHTING MEASURES**

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

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 : Prevent fire-fighting water from entering surface water or ground water.

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## **6. ACCIDENTAL RELEASE MEASURES**

Procedures for cleaning/absorption : Take up with liquid-absorbent material. Forward for disposal. Clean up affected area.

Avoid generation of dusts.

Person-related precautionary measures : Do not inhale vapours/aerosols. Ensure supply of fresh air in enclosed rooms.

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

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## **7. HANDLING AND STORAGE**

Handling : take measures to prevent electrostatic charging. Keep away from sources of ignition.

Storage : At +15<sup>0</sup>C to +25<sup>0</sup>C. Tightly closed in a well-ventilated place, away from sources of ignition and heat.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Specific control parameters :

Name : 1,3-Dichlorobenzene  
Value :

*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 vapours/aerosols are generated.

Eye protection : required

Hand protection : required

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid  
Colour : colourless  
Odour : aromatic  
PH value at 50 g/l H<sub>2</sub>O (20°C) : Not available  
Melting temperature : - 25 °C  
Boiling temperature : 173 °C  
Ignition temperature : > 500 °C  
Flash point : 65 °C  
Explosion limits Lower : Not available  
Upper : Not available  
Vapour pressure (20°C) : 2 hPa  
Density (20°C) : 1.29 g/ cm<sup>3</sup>  
Solubility in water(20°C) : 0.11 g/l  
Organic solvents (20°C) : soluble

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## 10. STABILITY AND REACTIVITY

*Conditions to be avoided* : No information available.

*Substance to be avoided* : Alkali metals and alkaline earth metals.

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

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD<sub>50</sub> (oral, rat) : 580 mg/kg.

Further toxicological information : We have no description of any toxic symptoms.

Further data : Further 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 :

Fish toxicity : *L.idus* LC<sub>50</sub> : 24.7 mg/l/48h. *L.macrochirus* LC<sub>50</sub> : 5 mg/l

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

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## 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.



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*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.

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## 14. TRANSPORT INFORMATION

Land transport : GGVS, GGVE, ADR, RID  
Classification : 6.1/25c  
Name : 2810 1,3-DICHLOROBENZENE

Transport by river : ADN, ADNR  
Classification : Not tested

Transport by sea : IMDG, GGVsee  
Classification : 6.1 /UN 2810/PG III  
Ems : 6.1- 0  
MFAG : 4.2  
Name : TOXIC LIQUID, ORGANIC, N.O.S.  
(M-DICHLOROBENZENE)

Transport by air : ICAO, IATA  
Classification : 6.1 /UN 2918 / PG III  
Name : TOXIC LIQUID, ORGANIC, N.O.S.  
(1,3-DICHLOROBENZENE)

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## 15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xn Harmful  
N Dangerous for the environment.

R-phrases : 22-51/53 Harmful if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases : 28 Avoid release to the environment. Refer to special instructions/safety data sheets.

EC No. : 208-792-1 EC label.

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## 16. OTHER INFORMATION

Reason for alteration

General update.

Change in product name.

*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.*