



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. C 32330
Product Name: **2-CHLOROBENZOIC ACID 99%**

Manufacturer / supplier identification

Company : NICE CHEMICALS PVT.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 : o-Chlorobenzoic acid

CAS-No : 118-91-2 EC -No. 204-285-4
Molecular formula : C₇H₅ClO₂ M : 156.57 g/mol

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.

4. FIRST AID MEASURES

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 inhalation : fresh air.
After swallowing : make the victim drink plenty of water, induce vomiting. Summon doctor if feeling unwell.



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5. FIRE - FIGHTING MEASURES

Suitable extinguishing media : Water, CO₂, 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.

6. ACCIDENTAL RELEASE MEASURES

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

Ensure supply of fresh air in enclosed rooms.

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

Procedures for cleaning/absorption : Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed and dry. At +15°C to 25°C. No further requirements.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated.

Eye protection : required

Hand protection : required

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



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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Powder
Colour : white
Odour :
PH value at 10g/l H₂O (20⁰C) : 3.4
Melting temperature : 139 - 142 ⁰C
Boiling temperature : 284 - 286 ⁰C
Ignition temperature : 530 ⁰C
Flash point : 173 ⁰C
Explosion limits Lower : Not available

Upper : Not available
Density : Not available
Bulk density : 600 Kg/m³
Solubility in water (25⁰C) :
 Ethanol (20⁰C) : soluble
 Ether (20⁰C) : soluble

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 : LD₅₀ (oral, rat) 2465 mg/kg.

Further toxicological information : After skin/eye contact : Irritations.



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

12. ECOLOGICAL INFORMATION

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

Further ecologic 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: Xi : Irritant

R-phrases: 36/38 : Irritating to eyes and skin.

S-phrases: -----



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16. OTHER INFORMATION

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.