



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No.: B 13825
Product Name: **BENZIL 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

organic substance.

Synonyms : Dibenzoyl
CAS-No : 134-81-6
EC –No. : 205-157-0
Molar mass : 210.23 g/mol
Molecular formula : $C_{14}H_{10}O_2$

3. **HAZARDS IDENTIFICATION** : Irritating to eyes.

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 : Water, Powder, CO₂, foam.

Special risks : Combustible.



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6. ACCIDENTAL RELEASE MEASURES

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

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

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry at room temperature. At +15⁰C to +25⁰C .

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. Application of skin-protective barrier cream recommended. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : crystals
Colour : yellow
Odour : characteristic
PH value at 0.1 g/l H₂O (20⁰C) : Not available
Melting point : 95 °C
Boiling point : Not available



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Ignition temperature : Not available
Flash point : Not available
Explosion limits Lower : Not available
Upper : Not available
Vapour pressure (128⁰C) : 1.3 hPa
Density : Not available
Solubility in water(20⁰C) : 0.5 g/l
Ethanol (20⁰C) : soluble
Ether (20⁰C) : soluble
Thermal decomposition : > 346 °C

10. STABILITY AND REACTIVITY

Conditions to be avoided : Temperatures above melting point.
Substance to be avoided : Strong oxidizing agents
Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : 2710 mg/Kg.
Further toxicological information : After inhalation of dust : Irritation symptoms in the respiratory tract. After skin contact : Irritations. After eye contact : Irritations.
After swallowing : Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.
Further data : The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

Quantitative data on the ecological effect of this product are not available. Adverse ecological effects cannot be excluded in the event of improper handling or disposal.



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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.

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 : ----

16. OTHER INFORMATION

Reason for alteration :
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.*
