



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : A 10125
Product Name : Acetanilide

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : N- Phenylacetamide

Molar mass: 135.17

CAS-No : 103-84-4

EC-No. : 203-150-7

Molecular Formula : C_8H_9NO

3. HAZARDS IDENTIFICATION : Harmful if swallowed.

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 eyelids held open. Summon eye specialist.

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

After inhalation: Fresh air



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5. FIRE – FIGHTING MEASURES

Suitable extinguishing media: powder , water, foam, CO₂

Special risks: Development of hazardous combustion gases or vapours possible in the event of fire. Combustible.

The following may develop in the event of fire : nitrous gases

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

Other information: Contain escaping vapours with water.

6. ACCIDENTAL RELEASE MEASURES

Person related measures: Avoid generation of dusts. Do not inhale dusts.

Procedures for cleaning/ absorption : Take up dry

Clean up affected area.

7. HANDLING AND STORAGE

Handling: No further requirements

Storage: Tightly closed . dry at +15 ° C to +25 ° C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: required. When dusts are generated

Eye protection: required

Hand protection: required



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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Colourless to white
Odour	:	Charectristic
Melting temperature	:	150-153 °C
Boiling temperature	:	~205 °C
PHvalue	:	Not available
Ignition temperature	:	115 °C
Flash point	:	304 °C
Explosion limits lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density	:	~ 370 Kg/m ³
Solubility in		
water (20°C)	:	5 g/l
ethanol(45°C):	:	Freely soluble

10. STABILITY AND REACTIVITY

Conditions to be avoided: heating

Substance to be avoided: strong oxidising agents, strong bases

Hazardous decomposition products : in the event of fire Nitrous gases



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11. TOXICOLOGICAL INFORMATION

Acute Toxicity : LD₅₀(oral, rat): 800 mg/kg

Further toxicological information

After inhalation of dusts : Irritation symptoms in the respiratory tract.

After contact : Irritations of eyes, skin

After swallowing : Nausea and vomiting.

Methaemoglobinaemia with headache, cardiac arrhythmia, drop in

blood pressure, dyspnoea, and spasms, key symptoms: cyanosis (blue colouration of the blood)

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

12. ECOLOGICAL INFORMATION

Behaviour in environmental compartments:

Distribution: log P (oct) : 1.16

No appreciable bioaccumulation potential is to be expected (log P(o/w) 1-3) BCF: 1.23 (carassius auratus) Slightly bioaccumulative (BCF<30)

Ecotoxic effects : Biological effects :

Fish toxicity: Lidus LC₅₀ : 60 mg/l/96h;

L.macrochirus LC₅₀ : 100mg/l/96h;



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Further ecologic data: No ecological problems are to be expected when the product is handled and used with due care and attention.

13. DISPOSAL METHOD CHEMICALS

There are no uniform EC regulations for the disposal of 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 household waste or recycled.

14. **TRANSPORT INFORMATION** : Not subject to transport regulations

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : Xn Harmful
R- Phrases : 22 Harmful if swallowed
S-phrases :
Water pollution class : 1 (slightly polluting substance)



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16. OTHER INFORMATION

Reason for alteration

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
