



# SAFETY DATA SHEET

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

Catalogue No. : A 10325  
Product Name : ASPIRIN (ACETYL SALICYLIC ACID)

### 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 Tele fax No. : 0484 2802483

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : ACETOXYBENZOIC ACID  
CAS-No. : 50-78-2  
Molar mass : 180.15  
Ec-No. : 200-064-1  
Molecular formula:  $C_9H_8O_4$

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3. HAZARDS IDENTIFICATION : Harmful if swallowed.

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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. Do not attempt to neutralize.

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### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water, foam, powder.

Fire extinguisher : Water, powder for glowing fire.

Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. Take measures to prevent electrostatic charging. Danger of dust explosion.

Special protective equipment for fire fighting: Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Other information: Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

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### 6. ACCIDENTAL RELEASE MEASURES

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

Procedures for cleaning/absorption : Take up dry. Forward for disposal.

Clean up effected area.

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### 7. HANDLING AND STORAGE

Handling : Store protected from solvents.

Storage - Tightly closed. Dry. At+15° C to+25° C.

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### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye Protection : Required

Hand Protection : Required



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

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

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Colourless
Odour	:	Almost odourless
pH value at 2.5 g/l H <sub>2</sub> O (20° C)	:	3.5
Melting temperature	:	135- 144° C
Boiling temperature	:	Not available
Ignition temperature	:	500° C DIN 51794
Flash point	:	250° C DIN 51755
Explosion limits Lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	1.35 g/cm <sup>3</sup>
Bulk density	:	600-750 kg/m <sup>3</sup>
Solubility in water (20° C)	:	3.3 g/l
water (100° C):	:	Soluble
Thermal decomposition	:	>141° C

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### 10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available

Substances to be avoided : Oxidizing agent.

Hazardous decomposition products : In the event of fire: carbon monoxide, carbon dioxide.

Further information : Sensitive to moisture; incompatible with alkaline substances.

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### 11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD<sub>50</sub> (oral, rat) : 1259 mg/kg.

Subacute to chronic toxicity: Bacterial mutagenicity: Ames-

Test:negative

Escherichia coli: negative

Further toxicological information:

After inhalation : Irritation symptoms in the respiratory tract.May cause sensitization.(asthma)

After swallowing : after uptake of large quantities: nausea, vomiting, gastrointestinal complaints(Pain), confusion.

Further data: The product should be handled with the care usual when dealing with chemicals.

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### 12. ECOLOGICAL INFORMATION

Ecotoxic effects: E.coli EC<sub>0</sub> : >1000 mg/l;

Ps.putida EC<sub>0</sub> : 8 mg/l; L.idus LC<sub>50</sub> : 1000 mg/l/48h.



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Further ecologic data : COD : 1850 mg/g.

Do not allow to enter waters, waste water, or soil.

### 13. DISPOSAL METHODS

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 house-hold waste or recycled.

There are no uniform EC regulation for the disposal of chemical or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

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

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### 15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : Xn Harmful  
R-phrases : 22 Harmful if swallowed.  
S-phrases : ----

Water pollution class : 1 (slightly polluting substance) (own classification)

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### 16. OTHER INFORMATION

Reason for alteration

Change in the chapter on toxicology.

Change in the chapter on ecology.

General update.

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.

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