



# SAFETY DATA SHEET

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

Catalogue No. : A 12517  
Product Name : 4- Aminobenzoic 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 : PABA  
CAS-No : 150-13-0  
Molecular formula :  $C_7H_7NO_2$   
EC-No. : 205-753-0  
Molar mass : 137.14

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## 3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned is not required.

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## 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 : Summon doctor . Make victim drink plenty of water.  
Induce vomiting. Immediately summon doctor.

After inhalation : Fresh air.

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## 5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Powder, foam

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

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

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

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

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## 6. ACCIDENTAL RELEASE MEASURES

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

Cleanup affected area.

Person related precautionary measures : Avoid generation of dusts.

Do not inhale dusts.

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## 7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed . Dry. Protected from light.

At +15<sup>0</sup> C to +25<sup>0</sup> C

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## 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 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



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Industrial hygiene : Change contaminated clothing . Wash hands after working with substance.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	White
Odour	:	Almost odourless
Melting temperature	:	187.0-187.5 ° C
Boiling temperature	:	not available
pH value	:	3.5
Ignition temperature	:	Not available
Flash point	:	Not applicable
Explosion limits lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density (20°C)	:	1.38 g/cm <sup>3</sup>
Solubility in water( 20°C)	:	Freely soluble
Ethanol ( 20°C)	:	Freely soluble

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## 10. STABILITY AND REACTIVITY

Conditions to be avoided : heating

Substance to be avoided : no information available

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

Further information: light sensitive , sensitive to air; incompatible with oxidizing agent.

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD<sub>50</sub> (oral, rat): > 6000mg/Kg



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Further toxicological information :

Naturally occurring substance. The data available to us do not suffice to permit any industrial- toxicological assessment. Property which must be anticipated on the basis of structure- effect considerations:

After eye contact: irritations.

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### 12. ECOLOGICAL INFORMATION

Biologic degradation: Readily degradable.

Behaviour in environmental compartments: Distribution: log P (oct ): 0.68;

No bioaccumulation is to be expected ( log P (o/w)<1).

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

Further ecologic data : A harmful effect on aquatic organisms cannot be excluded in the event of improper handling or disposal.

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### 13. DISPOSAL METHOD

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 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

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

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### 15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : ---  
R- Phrases : ---  
S-phrases : 22 do not breathe dust.  
Water pollution class : 1 (slightly polluting)

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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.

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