



SAFETY DATA SHEET

1. Identification of the preparation and of the company

Catalogue No. : S 74929
Product Name : SULPHANILAMIDE 99%
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

2. Composition / Information on ingredients

Synonyms : 4-Aminobenzenesulfonamide
CAS-No : 63-74-1 EC-No. : 200-563-4
M : 172.21 g/mol Formula : C₆H₈N₂O₂S

3. Hazards Identification: No hazardous product as specified in Directive 67/548/EEC.

4. First Aid Measures :

After Inhalation : Fresh air. Consult doctor if feeling unwell.
After skin contact : Wash off with plenty of water. Remove contaminated clothing.
After eye contact : Rinse out with plenty of water . If pain persists, call in opthalmologist.
After swallowing : Make victim drink plenty of water, induce vomiting. Call in physician.

5. Fire – fighting measures :

Suitable extinguishing media : Foam, powder

Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in the event of fire : sulphur oxides, nitrogen oxides.

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

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

6. Accidental release measures :

Person-related precautionary measures: Avoid inhalation of dusts.
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 : Protected from light.
Storage : At +15⁰C to +25⁰C . Tightly closed . Dry. Protected from light.



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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 dusts are generated.

Eye protection : required

Hand protection : use recommended

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

9. Physical and chemical properties :

Form	:	Solid
Colour	:	Off-white
Odour	:	Characteristic
Melting temperature	:	163 - 167 °C
Boiling temperature	:	Not available
pH value at 5g/H ₂ O (20°C)	:	5.8 - 6.1
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Density	:	Not available
Bulk density	:	~ 500 kg/m ³
Solubility in water (25°C)	:	7.5 g/l
Water (100°C)	:	477 g/l
Ethanol (20°C)	:	~ 35 g/l
Log Pow	:	- 0.62 (experimental)

10. Stability and reactivity :

Conditions to be avoided : Strong heating

Substance to be avoided : Strong oxidizing agents

Hazardous decomposition products : In the event of fire : see chapter 5.

Further information : Light-sensitive; sensitive to air.

11. Toxicological Information :

Acute toxicity : LD₅₀ : (oral, rat) : 3900 mg/kg.

Subacute to chronic toxicity :

Sensitization : Patch test (human) : Negative. Sensitization test (guinea pig) : Negative

Mutagenicity (mammal cell test) : Negative (in vitro)

Bacterial mutagenicity : ames test : Negative

Further toxicological information : Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

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Other notes : The following applies to aromatic amines in general; systemic effect : methaemoglobinaemia with head ache, cardiac dysrhythmia, drop in blood pressure, dyspnoea and spasms, principal symptom: cyanosis (blue discoloration of the blood)

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

12. Ecological Information :

Behavior in environmental compartments : Distribution : $\log p(o/w) : -0.62$ (experimental)

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 : Depending on the concentration, nitrogen compounds may contribute to the eutrophication of water supplies. No ecological problems are to be expected when the product is handled and used with due care and attention.

13. Disposal considerations :

Product : Chemicals must be disposed of in compliance with the respective national regulations. You will find country and substance specific information as well as contact partners.

Packaging : Product packaging must be disposed of in compliance with the country specific regulations must be passed to a packaging return system. You will find special information on the respective national conditions as well as contact partners.

14. Transport information : Not subject to transport regulations.

15. Regulatory Information :

Labelling according to EC Directives

Symbol : ---

R- Phrases : ---

S-phrases : --

16. Other Information

Reason for alteration : Chapter 10 : stability and reactivity. Chapter 11 : toxicological information.

Chapter 12 : ecological information. Chapter 1 : change in product name.

General update

Regional representation : This information is given on the authorised safety data sheet for your country.

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.
