



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 14417
Product Name : SULPHOSALICYLIC 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

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Salicylsulphonic Acid

CAS-No : 5965-83-3 EC No. : 202-555-6
Molar Mass : 254.22 EC Index No. : ----
Molecular Formula : $C_7H_6O_6S \cdot 2H_2O$

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.

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

6. ACCIDENTAL RELEASE :

Procedures for cleaning/absorption : Take up dry. Forward for disposal Measures
Clean up affected area.
Environmental-protection measures : Highly bio accumulative.

7. HANDLING AND STORAGE

Handling : No further requirements.
Storage : Tightly closed. Dry.
Storage temperature : No restrictions.



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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION : Respiratory protection : Required when dusts 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	:	Solid
Colour	:	White
Odour	:	Slightly pungent
pH value at 200gm/lit. H ₂ O (20° C)	:	< 0.5
Melting temperature	:	105 - 109° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	~150° C
Explosion limits Lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	0.8 gm/cm ³
Bulk density	:	~310 kg/m ³
Solubility in water (20° C)	:	~2500 gm/lit.
Thermal decomposition	:	~200° C

10. STABILITY & REACTIVITY

Conditions to be avoided : Heating.
Substances to be avoided : Not known to date
Hazardous decomposition products : In the event of fire : toxic vapours, sulphur oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : 2450 mg/kg (anhydrous substance)
Further toxicological information : When vapours/aerosols are generated :
After inhalation: Irritations of the mucous membranes, coughing & dyspnoea.
Property which cannot be excluded on the basis of the chemical/physical data :

After skin contact : Severe Irritations.
After eye contact : Severe Irritations.
After swallowing : Irritations of mucous membranes in the mouth, pharynx, oesophagus & gastrointestinal tract.

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

12. ECOLOGICAL INFORMATION

Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.
Biological effects : Harmful effect due to pH shift.



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Further ecologic data : Do not allow to enter waters, waste water, or soil!

13. DISPOSAL METHOD : 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 Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. TRANSPORT INFORMATION

GGVS/GGVE class : 8 Number and letter : 39c
Transport over land ADR/RID class : 8 Number and letter : 39c
ADR/RID & GGVS/GGVE : Name of material : SULPHOSALICYLIC ACID

Sea Transport IMDG : IMDG class : 8 UN No. : 3261 Packing group : III
Ems : 8-15 MFAG : 760
Correct Technical Name : SULPHOSALICYLIC ACID

Air Transport ICAO/IATA class : 8 UN No. : 3261 Packaging group : III
ICAO-TI & IATA-DGR : Correct Technical Name : SULPHOSALICYLIC ACID

15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : Xi Irritant

R-phrases : 36/38 Irritating to eyes and skin.

S-phrases : 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

16. OTHER INFORMATION

Reason for alteration :

General update.
Change in transport classification.
Change in water pollution class.

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.
