



SAFETY DATA SHEET

1. Identification of the preparation and of the company

Catalogue No. : S 14025
Product Name : SODIUM LAURYL SULPHATE

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 : Dodecyl sulfate sodium salt ; Sulfuric acid dodecyl ester sodium salt;

CAS-No : 151-21-3 EC Index No. : -----
Molar mass : 288.38
Molecular Formula : $C_{12}H_{25}NaO_4S$ EC –No. : 205-788-1

3. Hazards Identification : Harmful if swallowed . Irritating to eyes and skin.

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 the eyelid held wide open.
Summon eye specialist.
After swallowing : Make victim drink plenty of water. Avoid vomiting. Summon doctor.
After inhalation : Fresh air.

5. Fire – fighting measures: Suitable extinguishing media : Water, foam, powder.
Special risks : Combustible. Formation of hazardous combustion gases or vapours possible in event of fire. The following may develop in event of fire : sulfur 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 surface water or ground water.

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 affected area.
Environmental-protection measures : Do not allow to enter sewerage system.

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.



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Eye protection : Required
Hand protection : Required

Protective clothing should be selected specifically for the working place, depending on concentration & quantity of the hazardous substances 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 & chemical properties

Form	:	Solid.
Colour	:	Off-white
Odour	:	Weak characteristic odour
pH value at 100 g/l H ₂ O (20°C)	:	7.5-9.0
Melting temperature	:	Not available
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Bulk density	:	490-560 kg/m ³
Solubility in water (20°C)	:	250 g/l
Ethanol (25° C)	:	75 g/l

10. Stability and reactivity : Conditions to be avoided : Heating.
Substance to be avoided : No information available.
Hazardous decomposition products : In the event of fire : sulfur oxides.

11. Toxicological Information

Acute toxicity : LD₅₀ (oral, rat): 1228 mg/kg.
Further toxicological information :
After inhalation : Slight irritations.
After skin contact : Irritant effect.
After eye contact : Irritant effect.
After swallowing : Absorption .
After absorption of toxic quantities : Tiredness, vasodilation.

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

12. Ecological Information

Biologic degradation : Biodegradable.
Ecotoxic effects : Biological effects :
Fish toxicity : L.idus LC₀ : 26 mg/l.
Further ecologic data : Do not allow to enter waters, waste water, or soil !



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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 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 : 22-36/38 Harmful if swallowed . Irritating to eyes and skin

S-phrases : -----

Water pollution class : 2 (polluting substance)

16. Other information

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