



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No.: L 12429
Product Name: LAURIC ACID 99 %

Manufacturer / supplier identification

Company : NICE CHEMICALS PVT.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

CAS-No : 143-07-7 EC –No. 205-582-1
Molar mass : 200.32 g/mol
Molecular formula : C₁₂H₂₄O₂

3. HAZARDS IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC.

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. If pain persists, call ophthalmologist.
After swallowing : Make victim drink plenty of water, Summon doctor if feeling unwell.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Powder, foam.
Special risks : Combustible.



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6. ACCIDENTAL RELEASE MEASURES

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 +15⁰C to +25⁰C.

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 dust are generated.

Eye protection : required

Hand protection : required

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid
Colour : white to slightly yellowish
Odour : weak characteristic odour
PH value at 50 g/l H₂O (20⁰C): Not available
Melting temperature : 42-45⁰C



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Boiling temperature (1.3hPa) : 131⁰C
Ignition temperature : Not available
Flash point : > 160⁰C
Explosion limits Lower : Not available
Upper : Not available
Vapour pressure (20⁰C) : < 0.01 hPa
Density (50⁰C) : ~ 0.87 g/ cm³
Solubility in water(20⁰C) : Insoluble
Ethanol (20⁰C) :
Log P(oct) : 4.20

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available
Substance to be avoided : No information available.
Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION:

Acute toxicity : LD₅₀ (oral, rat) : 12000 mg/kg.

Further toxicological information : Hazardous properties cannot be excluded.

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

12. ECOLOGICAL INFORMATION

Biologic degradation : The product is readily biodegradable according to the OECD criteria.

Behaviour in environmental compartments : Moderate aquatic toxicity. Log P(oct) : 4.20



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Ecotoxic effects : L.idus LC₅₀ : > 100 mg/l . bacteria EC₅₀ : > 100 mg/l.
Further ecological data : No ecological problems are to be expected when the product is handled and used with due care and attention.

13. DISPOSAL METHOD

Product

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 that you corresponding laws and regulations. We recommend contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging

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 : No subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol: -----
R-phrases: -----
S-phrases: -----



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16. OTHER INFORMATION

General update.

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.
