

MATERIAL SAFETY DATA SHEET**Product Name:** Lauryl alcohol**CAS No.:** 112-53-8**Version:** 0**1. Identification**

Product Code : 90632
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2. Hazards Identification**Hazard classification**

Eye irritation : Category 2
Acute aquatic toxicity : Category 1
Chronic aquatic toxicity : Category 1

Label elements**Hazard symbol**

Signal word : Warning
Hazard statement : Causes serious eye irritation.
Very toxic to aquatic life with long lasting effects.
Precautionary statement : IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Other hazards which do not result in GHS classification : None

3. Composition/information on ingredients

Ingredient	CAS No	Percent
Lauryl alcohol	112-53-8	NLT- 98.0%

4. First Aid Measures**Description of first aid measures**

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

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Inhalation	:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact	:	Wash off with soap and plenty of water. Consult a physician.
Eye contact	:	Flush eyes with water as a precaution.
Swallowed	:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed	:	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	:	No data available

5. Fire fighting measures

Extinguishing media	:	
Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	:	Carbon oxides
Advice for firefighters	:	Wear self contained breathing apparatus for fire fighting if necessary
Further information	:	No data available

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
Environmental precautions	:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up	:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections	:	For disposal see section 13.

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- Precautions for safe handling** : Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Non Combustible Solids
- Specific end use(s)** : No data available

8. Exposure Controls Personal Protection**Control parameters****Components with workplace control parameters****Exposure controls**

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection Hand protection : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands.

Body Protection : Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection : Respiratory protection is required.

9. Physical and Chemical Properties

- Appearance** : A clear colorless viscous liquid.
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : 22 - 26 °C
- Initial boiling point and boiling range** : 260 - 262 °C
- Flash Point** : 121 °C

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Vapor pressure : 0.1 hPa at 20 °C
Vapor density : No data available
Relative density : 0.833 g/cm³ at 25 °C
Solubility in water : 1 g/l at 23 °C - slightly soluble
Solubility (other) : No data available
Formula : C₁₂H₂₆O
Molecular Weight : 186.33 g/mol

10. Stability and Reactivity

Reactivity : No data available
Chemical stability : Stable under recommended storage conditions.
Possibility of hazardous reactions : No data available
Conditions to avoid : No data available
Incompatible materials : Strong oxidizing agents
Hazardous decomposition products : No data available

11. Toxicological Information**Information on toxicological effects**

Acute toxicity : No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : Irritating to eyes.
Respiratory or skin sensitization : No data available
Germ cell mutagenicity : May alter genetic material
Carcinogenicity : No data available
Reproductive toxicity : No data available
Specific target organ toxicity - single exposure : No data available
Specific target organ toxicity - repeated exposure : No data available
Aspiration hazard : No data available
Potential health effects
Inhalation : No data available
Ingestion : No data available
Skin : No data available

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Eyes : No data available

Signs and Symptoms of Exposure : Inhalation of vapors may cause:, Dizziness, Irregular cardiac activity, narcosis, Nausea, Asphyxia, CNS depression with hypertension or circulatory failure, and respiratory depression, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

Toxicity : To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Persistence and degradability : Readily biodegradable

Bioaccumulative potential : Indication of bioaccumulation

Mobility in soil : No data available

Other adverse effects : Very toxic to aquatic life with long lasting effects.

13. Disposal consideration

Disposal instructions : Discharge, treatment, or disposal may be subject to national, state, or local laws.

Contaminated packaging : Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT	3077	Dodecan-1-ol	9	III	Yes
IMDG	3077	Dodecan-1-ol	9	III	Yes
IATA	3077	Dodecan-1-ol	9	III	Yes

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information**Issue Date :**01/08/2014**Version : 0**

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