

MATERIAL SAFETY DATA SHEET**Product Name:** n-Octanol**CAS No.:** 111-87-5**Version:** 0**1. Identification**

Product Code : 91583
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2. Hazards Identification**Hazard classification**

Eye irritation : Category 2

Chronic aquatic toxicity : Category 3

Labels elements

Hazard symbol

**Signal word** : Warning**Hazard statement** : Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.**Precautionary statement** : Avoid release to the environment.
Wear eye protection/ face protection.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue
rinsing.
If eye irritation persists: Get medical advice/ attention. .**Supplemental Hazard
Statements** : None**3. Composition/information on ingredients**

Ingredient : Octyl alcohol
Capryl alcohol
Alcohol C8

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CAS No. : 111-87-5
Percent : NLT 99.5%
Formula : CH₃(CH₂)₇OH
Molecular Weight : 130.23 g/mol

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

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

Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Swallowed : Do NOT induce vomiting. 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
Treatment

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 firefighting if necessary.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

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- Environmental precautions** : Do not let product enter drains.
- Methods and materials for containment and cleaning up** : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

7. Handling and storage

- Precautions for safe handling** : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls / Personal Protection

- Exposure limit** : No data available
- 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**
- Respiratory protection : Air-purifying respirators
- Hand protection : Handle with gloves
- Eye protection : Safety glasses
- Skin and Body Protection : Lab coat.

9. Physical and Chemical Properties

- Appearance** : A clear, colourless liquid .
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : -15 °C - lit.
- Initial boiling point and boiling range** : 196 °C - lit.
- Flash Point** : 80 °C - closed cup
- Vapor pressure** : 0.14 mmHg at 25 °C
- Vapor density** : 4.5 - (Air = 1.0)
- Relative density** : 0.827 g/cm³ at 25 °C
- Solubility in water** : 107 g/l at 23 °C - partly soluble
- Solubility (other)** : No data available

10. Stability and Reactivity

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Reactivity	: No data available
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No data available
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Acids, Acid chlorides, Oxidizing agents, acids, Acid chlorides, Oxidizing agents
Hazardous decomposition products	: Hazardous decomposition products formed under fire conditions. - Carbon oxides

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

Acute toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/eye irritation	: No data available
Respiratory or skin sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	
IARC	: No data available
NTP	: No data available
OSHA	: No data available
Reproductive toxicity	: No data available
Route of Exposure	: No data available
Signs and Symptoms of Exposure	: No data available

12. Ecological Information

Toxicity	: No data available
Persistence and degradability	: No data available
Bioaccumulative potential	: No data available
Mobility in soil	: No data available.
Other adverse effects	: No data available.

13. Disposal consideration

Disposal instructions	: Offer surplus and non-recyclable solutions to a licensed
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Contaminated packaging : disposal company.
: Dispose of as unused product.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT		Not dangerous goods			
IMDG		Not dangerous goods			
IATA		Not dangerous goods			

15. Regulatory Information

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

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

16. Other Information**Issue Date :**25/07/2017**Version : 0**

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