

1 - Product and Company Information

ProductName5,6,7,8-TETRAHYDRO-2-NAPHTHOIC ACID, 97%

2 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT  
Harmful if swallowed.

3 - Composition/Information on Ingredients

|                                     |         |           |           |         |
|-------------------------------------|---------|-----------|-----------|---------|
| Product Name                        |         | CAS #     | EC no     | Annex I |
| 5,6,7,8-TETRAHYDRO-2-NAPHTHOIC ACID |         | 1131-63-1 | 214-469-6 | None    |
| Ingredient Name                     | Percent | CAS #     | EC no     | Annex I |
| IMPURITIES:                         |         | None      | None      | None    |

METHANOL 0.03 67-56-1 200-659-6 603-001-00-X  
Symbols: F-T  
R-Phrases: 11-23/24/25-39/23/24/25  
Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

FormulaC11H12O2  
Molecular Weight176.21 AMU

4 - First Aid Measures

AFTER INHALATION  
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT  
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

AFTER EYE CONTACT  
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION  
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA  
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS  
Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS  
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 - Accidental Release Measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL  
Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)  
Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP  
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7 - Handling and Storage

HANDLING  
Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE  
Conditions of Storage: Keep tightly closed.

8 - Exposure Controls / Personal Protection

ENGINEERING CONTROLS  
Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES  
Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT  
Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.  
Hand Protection: Compatible chemical-resistant gloves.  
Eye Protection: Chemical safety goggles.

9 - Physical and Chemical Properties

|                       |                       |                            |
|-----------------------|-----------------------|----------------------------|
| Appearance            | Physical State: Solid |                            |
| Property              | Value                 | At Temperature or Pressure |
| pH                    | N/A                   |                            |
| BP/BP Range           | N/A                   |                            |
| MP/MP Range           | 154.0 - 158.0 °C      |                            |
| Flash Point           | N/A                   |                            |
| Flammability          | N/A                   |                            |
| Autoignition Temp     | N/A                   |                            |
| Oxidizing Properties  | N/A                   |                            |
| Explosive Properties  | N/A                   |                            |
| Explosion Limits      | N/A                   |                            |
| Vapor Pressure        | N/A                   |                            |
| Partition Coefficient | Log Kow: 2.999        |                            |
| Viscosity             | N/A                   |                            |
| Vapor Density         | N/A                   |                            |
| Saturated Vapor Conc. | N/A                   |                            |
| Evaporation Rate      | N/A                   |                            |
| Bulk Density          | N/A                   |                            |
| Decomposition Temp.   | N/A                   |                            |
| Solvent Content       | N/A                   |                            |
| Water Content         | N/A                   |                            |
| Surface Tension       | N/A                   |                            |
| Conductivity          | N/A                   |                            |
| Miscellaneous Data    | N/A                   |                            |
| Solubility            | N/A                   |                            |

10 - Stability and Reactivity

STABILITY  
Stable: Stable.  
Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS  
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION  
Hazardous Polymerization: Will not occur

11 - Toxicological Information

SIGNS AND SYMPTOMS OF EXPOSURE  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE  
Skin Contact: May cause skin irritation.  
Skin Absorption: May be harmful if absorbed through the skin.  
Eye Contact: May cause eye irritation.  
Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.  
Ingestion: Harmful if swallowed.

12 - Ecological Information

N/A

13 - Disposal Considerations

SUBSTANCE DISPOSAL  
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 - Transport Information

RID/ADR  
Non-hazardous for road transport.

IMDG  
Non-hazardous for sea transport.

IATA  
Non-hazardous for air transport.

15 - Regulatory Information

CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES  
INDICATION OF DANGER: Xn  
Harmful.  
R-PHRASES: 22  
Harmful if swallowed.

16 - Other Information



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WARRANTY:  
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.