

MATERIAL SAFETY DATA SHEET

Product Name: 2-Naphthol

CAS No.: 135-19-3

Version: 0

1. Identification

Product Code : 90465
Company Name : Advent Chembio Private Limited
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2. Hazards Identification**Hazard classification**

Acute toxicity, Inhalation : Category 4
Acute toxicity, Oral : Category 4
Acute aquatic toxicity : Category 1

Label elements**Hazard symbol**

Signal word : Warning
Hazard statement : Harmful if swallowed.
Harmful if inhaled.
Very toxic to aquatic life.
Precautionary statement : Avoid release to the environment.
Supplemental Hazard Statements : None

3. Composition/information on ingredients

Ingredient	CAS No	Percent
2-Naphthol	135-19-3	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	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
Eye contact	:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
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	:	Depending on the intensity and duration of exposure, effects may vary from mild irritation to severe destruction of tissue., Damage to the eyes., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Indication of any immediate medical attention and special treatment needed Treatment	:	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 vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. 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.

MATERIAL SAFETY DATA SHEET**Product Name:** 2-Naphthol**CAS No.:** 135-19-3**Version:** 0**7. Handling and Storage**

- 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.
Light sensitive.
- 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** : Pink/Grey crystals/crystalline powder with a characteristic odour.
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : 120 - 122 °C
- Initial boiling point and boiling range** : 285 - 286 °C
- Flash Point** : 153 °C

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Vapor pressure : 13 hPa at 145.5 °C
Vapor density : No data available
Relative density : No data available
Solubility in water : No data available
Solubility (other) : No data available
Formula : C₁₀H₈O
Molecular Weight : 144.17 g/mol

10. Stability and Reactivity

Reactivity : No data available
Chemical stability : No data available
Possibility of hazardous reactions : No data available
Conditions to avoid : No data available
Incompatible materials : Strong oxidizing agents, Strong bases
Hazardous decomposition products : No data available

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

Acute toxicity : LD₅₀ Oral - rat - 1.960 mg/kg
LC₅₀ Inhalation - rat - 1 h - > 770 mg/m³
Remarks: Gastrointestinal:Changes in structure or function of salivary glands.
LD₅₀ Dermal - rabbit - > 10.000 mg/kg

Skin corrosion/irritation : Mild skin irritation
Serious eye damage/eye irritation : Moderate eye irritation
Respiratory or skin sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity : IARC:
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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

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Potential health effects

- Inhalation** : Harmful if inhaled. May cause respiratory tract irritation.
Ingestion : Harmful if swallowed.
Skin : May be harmful if absorbed through skin. May cause skin irritation.
Eyes : Causes serious eye irritation.
Signs and Symptoms of Exposure : Depending on the intensity and duration of exposure, effects may vary from mild irritation to severe destruction of tissue., Damage to the eyes., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

- Toxicity** : Toxicity to fish:
 LC50 - Pimephales promelas (fathead minnow) - 3,46 mg/l - 96,0 h
Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available
Other adverse effects : Very toxic to aquatic life.

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	2-Naphthol	9	III	Yes
IMDG	3077	2-Naphthol	9	III	Yes
IATA	3077	2-Naphthol	9	III	Yes

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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 :**01/08/2014**Version : 0**

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