

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

Website: www.scimplify.com



SAFETY DATA SHEET
1-Naphthaleneacetic acid

1. Product Identification

- **Product Name:** 1-Naphthaleneacetic acid
- **CAS-No.:** 86-87-3
- **Uses:** Laboratory chemicals, Manufacture of substances

2. Supplier Information

- **Company:** Cocreate Global Technologies Private Limited
- **Location:** FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

3. Hazard Identification

- **Classification:**
 - Acute Toxicity (Category 4) - *H302: Harmful if swallowed*
 - Skin Irritation (Category 2) - *H315: Causes skin irritation*
 - Serious Eye Damage (Category 1) - *H318: Causes serious eye damage*
 - Specific Target Organ Toxicity (Category 3) - *H335: May cause respiratory irritation*
 - Chronic Aquatic Toxicity (Category 3) - *H412: Harmful to aquatic life with long-lasting effects*
- **Labeling:**
 - **Signal Word:** *Danger*
 - **Hazard Pictograms:** Present
 - **Precautionary Statements:**
 - P261: Avoid breathing dust.
 - P273: Avoid release to the environment.

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- P280: Wear protective gloves, eye protection, and face protection.
- P301 + P312: If swallowed, call a poison center or doctor if feeling unwell.
- P302 + P352: If on skin, wash with plenty of water.
- P305 + P351 + P338: If in eyes, rinse cautiously with water, remove contact lenses, and continue rinsing.

4. First Aid Measures

- **Inhalation:** Move to fresh air.
- **Skin Contact:** Remove contaminated clothing, rinse skin with water.
- **Eye Contact:** Rinse eyes with water, consult an ophthalmologist immediately.
- **Ingestion:** Give water to drink (max two glasses) and seek medical advice.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Water, foam, CO₂, dry powder.
- **Hazards:** May release carbon oxides in case of fire.
- **Protective Measures:** Use self-contained breathing apparatus.

6. Accidental Release Measures

- **Personal Precautions:** Avoid inhalation and contact with skin.
- **Environmental Precautions:** Do not let the product enter drains.
- **Cleanup Methods:** Collect and dispose of properly.

7. Handling & Storage

- **Handling Precautions:** Avoid dust generation and inhalation.
- **Storage Conditions:** Keep container tightly closed and dry.

8. Exposure Controls & Personal Protection

- **Protective Equipment:** Safety goggles, gloves, protective clothing.

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- **Respiratory Protection:** Use P2 filter mask if dust is present.

9. Physical & Chemical Properties

- **Physical State:** Crystalline
- **Color:** Light yellow
- **Melting Point:** 129.0 - 131.5 °C
- **Solubility:** No data available

10. Stability & Reactivity

- **Reactivity:** May form dust explosion hazards.
- **Incompatible Materials:** Strong oxidizing agents and strong bases.

11. Toxicological Information

- **Oral Toxicity (Rat LD50):** 1,000 mg/kg
- **Dermal Toxicity (Rabbit LD50):** >5,000 mg/kg
- **Eye Irritation:** Causes serious damage.

12. Ecological Information

- **Aquatic Toxicity:** Harmful to aquatic organisms.
- **Persistence & Bioaccumulation:** No data available.

13. Disposal Considerations

- Dispose of contents and containers in accordance with local regulations.

14. Transport Information

- Not classified as hazardous for transport.