



N-(1-NAPHTHYL)ETHYLENEDIAMINE DIHYDROCHLORIDE

Company Information

Company's Name: REAGENTS

Company's Address: P.O. Box 240746, Charlotte, NC 28224; USA

Company's Info Ph #: 704/554-7474, 800/732-8484

Emergencies, call CHEMTREC: 800-424-9300

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1. Product Identification

Synonyms: 2-(1-Naphthylamino)ethylamine

CAS No.: 1465-25-4

Molecular Weight: 259.17

Chemical Formula: $C_{12}H_{14}N_2 \cdot 2HCl$

Product Codes: 2-25330

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	EC No.	Index No.
N-(1-Naphthyl)ethylenediamine hydrochloride	1465-25-4	100%	215-981-2	----

3. Hazards Identification

Emergency Overview: May be harmful if swallowed or inhaled. May cause irritation to skin, eyes and respiratory tract.

OSHA Hazard: Irritant

Target Organs: None known

HMIS Classification

Health Hazard: 2

Chronic Health Hazard: *

Flammability: 1

Physical hazards: 0

NFPA Rating

Health Hazard: 2

Fire: 1

Reactivity Hazard: 0

Lab Protective Equip: Goggles, Gloves, Dust Mask **Storage Color Code:** Green (general)

Potential Health Effects: Information on the human health effects from exposure to this substance is limited.

Inhalation: Inhalation of dust is irritating to the upper respiratory tract.

Ingestion: No information found, but compound should be handled as a potential health hazard.

Skin Contact: Causes irritation. May be absorbed through skin.

Eye Contact: Causes irritation.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

4. First Aid Measures

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion: Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention.

5. Fire Fighting Measures

Fire: As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Explosion: Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Fire Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Protect from light. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended.

Personal Respirators (NIOSH-Approved): Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or a full-face shield where dusting/splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: White, tan or gray powder.

Solubility: Soluble in hot water

pH: No information found.

Boiling Point: No information found.

Vapor Density (Air=1): No information found.

Evaporation Rate (BuAc=1): No information found.

Odor: Odorless.

Density: No information found.

% Volatiles by volume @ 21C (70F): 0

Melting Point: 188 - 190C (370 - 374F)

Vapor Pressure (mm Hg): No information found.

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage. Decomposes upon exposure to light.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, hydrogen chloride.

Hazardous Polymerization: Will not occur.

Incompatibilities: Acids, strong oxidizers, acid anhydrides, acid chlorides.

Conditions to Avoid: Light, air, moisture and incompatibles.

11. Toxicological Information

No LD₅₀ information found. No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, OSHA, ACGIH or IARC.

12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated.

15. Regulatory Information

TSCA: Listed.

SARA 302 Components: None.

SARA 313 Components: None.

SARA 311/312 Hazards: Acute Health Hazard

CERCLA Hazardous Substance: None

Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 or Class 2 Ozone depleters.

Clean Water Act: This material does not contain any Priority Pollutants.

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

DSL Status: This material is on the Canadian DSL list.

16. Other Information

Product Use: Laboratory Reagent.

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