



## Material Safety Data Sheet

### N-(1-Naphthyl)ethylenediamine Dihydrochloride, 0.1%

#### Section 1 - Chemical Product and Company Identification

**MSDS Name:**

N-(1-Naphthyl) ethylenediamine Dihydrochloride, 0.1%

**Catalog Numbers:**

LC17550

**Synonyms:**

None

**Company Identification:**

LabChem Inc  
200 William Pitt Way  
Pittsburgh, PA 15238

**Company Phone Number:**

(412) 826-5230

**Emergency Phone Number:**

(800) 424-9300

**CHEMTREC Phone Number:**

(800) 424-9300 or  
011-703-527-3887

#### Section 2 – Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	>99
1465-25-4	N-(1-naphthyl)ethylenediamine dihydrochloride	0.1

#### Section 3 - Hazards Identification

##### Emergency Overview

**Appearance:** Colorless to light tan solution

**Caution.** May cause mild eye irritation.

**Target Organs:** None known.

##### Potential Health Effects

**Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation.

**Ingestion:**

May cause gastrointestinal tract irritation with nausea, vomiting, and diarrhea.

**Inhalation:**

Inhalation of dust may cause respiratory tract irritation.



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**Chronic:**

No information found.

#### Section 4 - First Aid Measures

**Eyes:**

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid.

**Skin:**

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid.

**Ingestion:**

Give conscious victim 2-4 cupfuls of milk or water. Get medical aid at once. Give oxygen if respiration is depressed.

**Inhalation:**

Move victim to fresh air. Give artificial respiration if necessary. Get medical aid. Keep victim warm, at rest.

**Notes to Physician:**

Treat symptomatically and supportively.

#### Section 5 - Fire Fighting Measures

**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

**Autoignition Temperature:**

No information found.

**Flash Point:**

No information found.

**NFPA Rating:**

Health- 1, Flammability- 0, Instability- 0.

**Explosion Limits:**

Lower: n/a Upper: n/a

#### Section 6 - Accidental Release Measures

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in suitable container labeled for later disposal.

#### Section 7 - Handling and Storage



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**Handling:**

Wash thoroughly after handling. Avoid breathing dust, vapor, mist, or gas.

**Storage:**

Store in cool, well-ventilated area away from heat and oxidizers. Protect from light.

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Exposure Limits:**

Chemical Name:	ACGIH	NIOSH	OSHA
Water	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.
N-(1-naphthyl)ethylenediamine dihydrochloride	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.

**OSHA Vacated PELs:**

None.

**Personal Protective Equipment****Eyes:**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9 - Physical and Chemical Properties

<b>Physical State:</b>	Clear liquid
<b>Color:</b>	Colorless to light tan
<b>Odor:</b>	Odorless
<b>pH:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Boiling Point:</b>	212°F (100°C)
<b>Freezing/Melting Point:</b>	32°F (0°C)
<b>Decomposition Temperature:</b>	Not available
<b>Solubility in water:</b>	Soluble.
<b>Specific Gravity/Density:</b>	1.0
<b>Molecular Formula:</b>	Not available
<b>Molecular Weight:</b>	Not available



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**Section 10 - Stability and Reactivity**

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials, light.

**Incompatibilities with Other Materials:**

Strong oxidizing agents, acids, acid chlorides, acid anhydrides.

**Hazardous Decomposition Products:**

Carbon monoxide, oxides of nitrogen, carbon dioxide

**Hazardous Polymerization:**

Has not been reported.

**Section 11 - Toxicological Information**

**RTECS:**

CAS# 7732-18-5: ZC0110000.

CAS# 1465-25-4: KV5330000.

**LD50/LC50:**

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg.

CAS# 1465-25-4:

No information found.

**Carcinogenicity:**

CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

CAS# 1465-25-4: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

**Epidemiology:**

No information found

**Teratogenicity:**

No information found

**Reproductive:**

No information found

**Mutagenicity:**

No information found

**Neurotoxicity:**

No information found

**Section 12 - Ecological Information**

No information found

**Section 13 - Disposal Considerations**

Dispose of in accordance with Federal, State, and local regulations.



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**Section 14 - Transport Information**

**US DOT**

**Shipping Name:** Not regulated.  
**Hazard Class:**  
**UN Number:**  
**Packing Group:**

**Section 15 - Regulatory Information**

**US Federal**

**TSCA:**

CAS# 7732-18-5 is listed on the TSCA Inventory.  
CAS# 1465-25-4 is listed on the TSCA Inventory.

**SARA Reportable Quantities (RQ):**

None of the components are on this list

**CERCLA/SARA Section 313:**

None of the components are on this list

**OSHA - Highly Hazardous:**

None of the components are on this list

**US State**

**State Right to Know:**

Not available

**California Regulations:**

Not available

**European/International Regulations**

**Canadian DSL/NDL:**

CAS# 7732-18-5 is listed on Canada's DSL List.  
CAS# 1465-25-4 is listed on Canada's DSL List.

**Canada Ingredient Disclosure List:**

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.  
CAS# 1465-25-4 is not listed on Canada's Ingredient Disclosure List.

**Section 16 - Other Information**

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