

## N-(1-NAPHTHYL) ETHYLENE DIAMINE DIHYDROCHLORIDE (2-NEDA)

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

**Product Name:** N-(1-NAPHTHYL) ETHYLENE DIAMINE DIHYDROCHLORIDE (2-NEDA)

**Product Code:** 1913

**CAS#:** 1465-25-4

**Chemical Name:** Not available

**Chemical Formula:** C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>

**Molecular Weight:** 259

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

**Composition:**

**Name:** N-(1-NAPHTHYL) ETHYLENE DIAMINE DIHYDROCHLORIDE (2-NEDA)

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**Molecular Weight:** 259

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture:**

**Classification according to Regulation (EC) No 1272/2008:** Skin irritation (Category 2), H315 Eye irritation (Category 2), H319

**Classification according to EU Directives 67/548/EEC or 1999/45/EC:** Not a hazards substance or mixture

### SECTION 4: FIRST AID MEASURES

**Description of first aid measures:** General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled If breathed in:** Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact:** Flush eyes with water as a precaution.

**If 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 delay:** Not available

**Indication of any immediate medical attention and special treatment needed:** Not available

### SECTION 5: FIRE AND EXPLOSION DATA

**Extinguishing media:**

**Suitable extinguishing media:** Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder.

**Unsuitable extinguishing media:** For this substance/mixture no limitations of extinguishing agents are given

**Special hazards arising from the substance or mixture:** Carbon oxides Nitrogen oxides (NO<sub>x</sub>) Sulfur oxides Sodium oxides Combustible. Fire may cause evolution of: Sulfur oxides, nitrogen oxides

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 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. 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.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

**Conditions for safe storage, including any incompatibilities:** Store in cool place, Keep container tightly closed in a dry and well-ventilated place Light sensitive. Store under inert gas

**Specific end use(s) A part from the uses:** no other specific uses are stipulated.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure controls:**

**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:** 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:** protective clothing

**Respiratory protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	: Light yellow color powder
Colour	: Not available
Odour	: Not available
Odour Threshold	: Not available
pH	: Not available
Melting point/freezing point	: Not available
Initial boiling point and boiling range	: Not available
Flash point	: Not available
Evaporation rate	: Not available
Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Vapour density	: Not available
Relative density	: Not available
Water solubility	: Not available
Partition coefficient	: Not available
Auto-ignition temperature	: Not available

## SECTION 10: STABILITY AND REACTIVITY DATA

**Reactivity:** The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

**Chemical stability:** The product is chemically stable under standard ambient conditions (room temperature)

**Possibility of hazardous reactions:** Violent reactions possible with: Strong oxidizing agents



**Conditions to avoid:** Not available

**Incompatible materials:** Not available

**Hazardous decomposition products Other decomposition products:** Not available

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute toxicity:**

Oral: Not available

**Acute toxicity estimate:**

Oral - Not available

Inhalation: No data available

Dermal: No data available

**Information on toxicological effects:** Not available

**Inhalation:** Not available

**Skin corrosion/irritation:** Not available

**Serious eye damage/eye irritation:** Not available

**Respiratory or skin sensitization:** Not 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:** Not available

**Specific target organ toxicity:** single exposure Inhalation - May cause respiratory irritation

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Not available

**Persistence and degradability:** Not available

**Bio accumulative potential:** Not available

**Mobility in soil:** Not available

**Results of PBT and vPvB assessment PBT/vPvB assessment:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

**Other adverse effects:** Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## SECTION 14: TRANSPORT INFORMATION

**UN number:**

**ADR/RID:**

**IMDG:**

**IATA:**

**UN proper shipping name**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Transport hazard class(es):**

**ADR/RID:**

**IMDG:**

**IATA:**

**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**

**Environmental hazards:**

**ADR/RID:** No

**IMDG Marine pollutant:** No

**IATA:** No



## SECTION 15: OTHER REGULATORY INFORMATION

**Regulatory information:** 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

**Chemical Safety Assessment:** For this product a chemical safety assessment was not carried out

## SECTION 16: OTHER INFORMATION

**References: Full text of H-Statements referred to under sections 2 and 3:**

H315 Causes skin irritation.

H319 Causes serious eye irritation

**Other Special Considerations:** Not available

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

