

Offer Sheet

Product	DEHA 98% (Diethylhydroxylamine)
Quantity	16 totes (860 IBC totes)
Availability	One time
Location	Piscataway, NJ
Manufacturer	
Date	4/3/25
COA & SDS	Attached below



Diethylhydroxylamine (DEHA) 98% has a wide range of industrial applications due to its properties as an oxygen scavenger, free radical scavenger, and polymerization inhibitor. Key uses include:

- 1. Water Treatment**
- 2. Polymerization Inhibition**
- 3. Photographic Chemicals**
- 4. Corrosion Inhibition**
- 5. Antioxidant**
- 6. Curing Agent Modifier**
- 7. Environmental Applications**

These diverse applications make DEHA 98% essential across industries such as water treatment, polymer production, oil and gas, photography, and coatings.

Brian Svrusis

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70 King St.
Elk Grove Village, IL 60007
847-323-6718 call or text
Click here for: [Surplus Inventory](#)
Solvent-Systems.com



CERTIFICATE OF ANALYSIS

DIETHYLHYDROXYLAMINE 98% (DEHA ANHYDROUS)

VENDOR	CUSTOMER
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NEUCHEM INC.

REF NO. 6093-B-4

QUANTITY	PACKING	LOT NUMBER	ORIGIN
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1,895.97 LBS NET

1 X 860 KG NET TOTE

KB210QB031

INDIA

PROPERTY	SPECIFICATION	ANALYSIS
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APPEARANCE	CLEAR COLORLESS TO PALE YELLOW LIQUID	CLEAR COLORLESS LIQUID
COLOR, APHA	250 MAX	20
DIETHYLAMINE, % W/W	0.50 MAX	0.17
DIETHYLHYDROXYLAMINE, % W/W	98.00 MIN	98.60
WATER, % W/W	1.00 MAX	0.84

150 ISIDOR COURT, SUITE 101-B, SPARKS, NV 89436

T: 775 499 5858 – ADMIN@NEUCHEM.COM



Safety Data Sheet

Issue Date: 13-Jul-2018

Revision Date: 24-Jan-2025

Version 2

1. IDENTIFICATION

Product identifier

Product Name DEHA 98%

Other means of identification

SDS # NC-092

Recommended use of the chemical and restrictions on use

Recommended use For industrial use.

Details of the supplier of the safety data sheet

Supplier Address

Neuchem Inc.
150 Isidor Court, suite 101-B
Sparks, NV 89441 USA
www.neuchem.com

Emergency telephone number

Company Phone Number Ph: 775-499-5858
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Colorless liquid

Physical state Liquid

Odor Characteristic

Classification

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 3

Signal word

Warning

Hazard statements

Harmful in contact with skin
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
Flammable liquid and vapor



Precautionary Statements - Prevention

Wear protective gloves/clothing and eye/face protection
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Wash face, hands and any exposed skin thoroughly after handling
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 Keep container tightly closed
 Ground and bond container and receiving equipment
 Use only non-sparking tools
 Take action to prevent static discharges
 Use explosion-proof electrical/ ventilating / lighting/ equipment
 Keep cool

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Call a POISON CENTER or doctor/physician if you feel unwell
 If skin irritation occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 IF INHALED: Remove person to fresh air and keep comfortable for breathing
 Call a POISON CENTER or doctor/physician if you feel unwell
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
 Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Diethylhydroxylamine	3710-84-7	98

4. FIRST AID MEASURES

Description of first aid measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a poison center or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Symptoms	Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May be harmful if swallowed.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Provide general supportive measures and treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Flammable liquid and vapor. Possible re-ignition of vapors from a distance.

Hazardous combustion products Carbon oxides. Ammonia. Nitrogen oxides (NOx).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Remove all sources of ignition.
For Emergency Responders	Restrict access to spill area.

Environmental precautions

Environmental precautions	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.
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Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth). Can be neutralized with a sodium bisulfate solution.
Methods for Clean-Up	Use only non-sparking tools. Sweep up absorbed material and shovel into suitable containers for disposal. Wash area with soap and water. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Use explosion proof equipment. Keep cool.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in a cool, well-ventilated area, away from ignition sources and incompatible materials. Keep container tightly closed. Store locked up. Requirements to be met by storerooms and receptacles: Store under shed at ambient temperature (< 50 °C). Containers which are opened must be carefully resealed and kept upright to prevent leakage. Information about storage in one common storage facility: Store protected from moisture and heat. Remove all sources of ignition. Store under inert and dry atmosphere. Provide a catch-tank in a bunded area. Provide impermeable floor. Provide electrical earthing of equipment and electrical equipment usable in explosive atmospheres.

Incompatible Materials

Oxidizing agents. Nitrates. Peroxides. Strong acids. Halogens. Water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Diethylhydroxylamine 3710-84-7	TWA: 2 ppm	-	-

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits. Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations and standards. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection

Wear protective gloves and protective clothing. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing". Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection

If necessary, wear a MSHA/NIOSH-approved respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations

Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Characteristic
Appearance	Colorless liquid	Odor Threshold	no test data available
Color	Colorless		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Alkaline		
Melting point / freezing point	-9 °C / 15.8 °F		
Initial boiling point and boiling range	134 °C / 273.2 °F		
Flash point	46.5 °C / 115.7 °F		
Evaporation rate	No data available		
Flammability (Solid, Gas)	Not applicable		
Flammability Limit in Air			
Upper flammability or explosive limits	No data available		
Lower flammability or explosive limits	No data available		
Vapor Pressure	5.3 m Bar	(at 20°C/68°F)	
Relative vapor density	3.1	.? (air = 1)	
Relative Density	0.8689	ASTM D4052	
Water Solubility	450 mg/L		
Solubility in other solvents	Not determined		
Partition Coefficient	Log POW = 0.5 @ 50°C		
Autoignition temperature	265 °C / 509 °F		
Decomposition temperature	>120		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available		
Explosive Properties	No data available		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Violent reaction and flammability with: Oxidizing agents, Nitrates, Peroxides. Very exothermic reaction and possibility of spitting with: Strong acids, Halogens. Product likely to react violently in alkaline environment. Formation of toxic products (n-nitrosamines) with: Nitrous acid and other nitrosating agents, Nitrites, Oxygen. Exothermic reaction with: Water.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Avoid temperatures above 50°C. Alkaline environment.

Incompatible materials

Oxidizing agents. Nitrates. Peroxides. Strong acids. Halogens. Water.

Hazardous decomposition products

Thermal decomposition giving flammable and irritating products: Diethylamine

Formation of toxic products through combustion:, Carbon oxides, nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation. Harmful in contact with skin.
Inhalation	Harmful if inhaled. May cause respiratory irritation.
Ingestion	May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylhydroxylamine 3710-84-7	= 2190 mg/kg (Rat)	= 1300 mg/kg (Rabbit)	= 11.44 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
STOT - single exposure	May cause respiratory irritation.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	2,190.00 mg/kg
ATEmix (dermal)	1,300.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Diethylhydroxylamine 3710-84-7	0.5

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT In non-bulk packages, this product is not regulated for ground transportation in accordance with 49 CFR 173.150(f).

IATA

UN number or ID number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Diethylhydroxylamine)
Transport hazard class(es)	3
Packing group	III

IMDG

UN number or ID number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Diethylhydroxylamine)
Transport hazard class(es)	3
Packing Group	III

15. REGULATORY INFORMATION**International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Diethylhydroxylamine	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level

pertaining to releases of this material

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards -	Flammability -	Instability -	Special hazards -
<u>HMIS</u>	Health hazards -	Flammability -	Physical hazards -	Personal Protection Not determined

Issue Date: 13-Jul-2018
 Revision Date: 24-Jan-2025
 Revision Note: Regulatory review

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet