

Material Safety Data Sheet

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Section 1: Chemical Product and Company Identification

Date Prepared: 12/06/2011
Catalog Code: **05288**
Product: **EDC (1-Ethyl-3(3-Dimethylamino propyl) Carbodiimide Hydrochloride)**
Supplier: Bangs Laboratories, Inc. / A Division of Polysciences, Inc.
9025 Technology Drive
Fishers, Indiana 46038

Section 2: Composition / Information on Ingredients

<u>Item#</u>	<u>Name</u>	<u>CAS#</u>	<u>% in Product</u>
1	1,3-Propanediamine, N'-(ethylcarbonimidoyl)-N, N-dimethyl-, monohydrochloride	025952538	100.0

Section 3: Hazard Identification

Causes skin, eye, and respiratory reaction.

Hazard Ratings: These ratings are Bangs Laboratories, Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49). If no data is listed, the information is not available.

Health	Flammability	Reactivity
2	1	0

Section 4: First Aid Measures

Brush off the skin. Separate eyelids with finger tips. Flush eyes with flowing water for at least 15 minutes. If swallowed, DO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink. Never give anything by mouth to an unconscious person. Wash skin with deluge of water for at least 15 minutes.

SECTION 5: Fire Fighting Measures

Flash Point, deg. F:	no data
Method:	no data
UEL:	no data
LEL:	no data
Autoignition Temperature, deg. F:	no data
Flammability:	no data
Flame Propagation:	no data
Hazardous Combustion Products:	nitrogen oxides

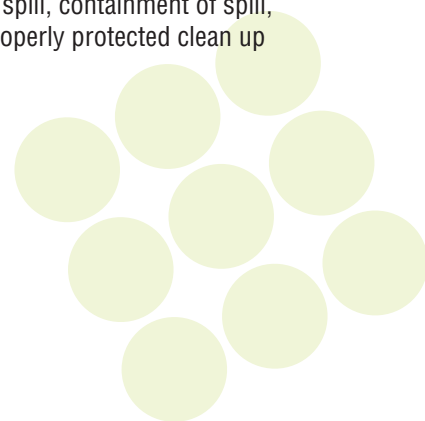
Section 6: Accidental Release Measures

Any information given below is considered to be in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition source from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

No special measures are indicated.

Section 7: Handling and Storage

Keep away from moisture. Store at 2-8°C.



Section 8: Exposure Controls and Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield. Use latex or equivalent gloves. Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties

Formula: C₈H₁₇N₃.C₁H
Vapor Pressure: < 1 mm Hg
Formula Weight: 191.7
Vapor Density: no data
Boiling Point: > 1
Specific Gravity: 1
Melting Point: 234°F
pH: 7
Solubility: > 20%
Appearance: white crystalline powder

Section 10: Stability and Reactivity

Chemical Stability: stable
Conditions to Avoid: none
Incompatibility with Other Materials: oxidizers; acids; water; oxygen
Hazardous Decomposition Products: none
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
Subchronic Data: may cause sensitivity to other chemicals; may aggravate asthma

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number, the substance may be subject to special federal and state disposal regulations. If no codes are listed, the material must be disposed of in compliance with all Federal, State, and Local Regulations.

<u>CAS#</u>	<u>Waste Code</u>	<u>Regulated Name</u>
025952538	not listed	not listed

Section 14: Transport Information

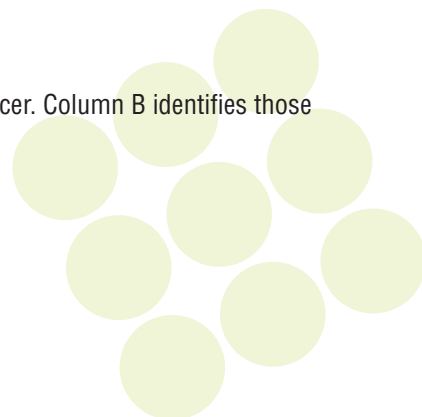
Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65: Column A identifies those items which are known to the State of California to cause cancer. Column B identifies those which are known to the State of California to cause reproductive toxicity.

<u>CAS#</u>	<u>Column A</u>	<u>Column B</u>
025952538	no	no



Section 16: Other Information

BANGS LABORATORIES, INC. provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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END OF MSDS

