

SAFETY DATA SHEET

EDAC, Hydrochloride

(N-(3-Dimethylaminopropyl)-N-ethylcarbodiimide HCl)

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179

Emergency Telephone No.: 905-466-3832

Chemical Name: (N-(3-Dimethylaminopropyl)-N-ethylcarbodiimide HCl)

Catalog Number: DEC001

P362 Take off contaminated clothing and wash before reuse.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects:

Inhalation: may be harmful if inhaled. May cause choking

Skin: may be harmful if absorbed through skin

Eyes: may cause eye irritation

Ingestion: harmful if swallowed

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification

CLASSIFICATION:

Acute toxicity, Oral, Category 4

Skin irritation, Category 2

Eye irritation, Category 2A

Specific target organ systemic toxicity - single exposure, Category 3,
Respiratory system

PICTOGRAM:



SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation

PRECAUTIONARY STATEMENTS:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P321 Specific treatment (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
(N-(3-Dimethylaminopropyl)-N-ethylcarbodiimide HCl)	25952-53-8	100

Molecular Formula: C₈H₁₇N₃HCl

Molecular Weight: 191.7

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water . Consult a physician.

Skin: In case of contact, flush area immediately with water. Get medical aid if irritation persists.

Inhalation: Remove victim to fresh air. If breathing becomes difficult, give oxygen. Consult a physician..

Ingestion: Wash mouth with water. Do NOT induce vomiting. Consult a physician if you feel unwell.

SECTION 5 FIRE FIGHTING MEASURES

Flammability: not flammable

Flash Point: no information found.

Autoignition Temperature: not determined

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions:

Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.

Methods for containment and clean up:

If safe to do so, contain further leakage. Sweep and place in a closed container. Dispose according to local regulations.

SECTION 7 HANDLING AND STORAGE

Handling: Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: Room temperature. Keep cool and dry.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Exposure limits:

ACGIH, NIOSH, OSHA, none listed

Use adequate ventilation. Avoid dust generation..

Personal protective Equipment: Wear appropriate safety glasses and protective gloves/clothing. Use approved NIOSH respirator.

Engineering Measures: eye wash stations, ventilation systems, showers

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. wash hands before and after handling product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Odor: not odorous

Odor Threshold: : no information found

Melting Point: no information found

Boiling Point: no information found

Specific Gravity: no information found

Vapor Density: no information found

Vapor pressure: no information found

Water Solubility: soluble in water

pH: no information found

Flammability: No

Flash point: no information found

Ignition temperature: no information found

Autoignition temperature: no information found

Lower explosion limit: no information found

Upper explosion limit: no information found

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable at normal room temperature and pressure

Conditions to avoid: dust generation

Incompatibility strong oxidizing agents, reducing agents.

Hazardous Decomposition Products: fumes of carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

Oral, rat :LD50= 300 mg/kg

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

Carcinogenicity: not listed by ACGIH, IARC, NTP, or CA

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:

No information found

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Care should exercised when burning in chemical incinerator.. Observe all Federal, provincial and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Information:

DOT (US):

Not regulated

IMDG

Not regulated

IATA:

Not regulated

SECTION 15 REGULATORY INFORMATION

Canada:

WHMIS:

D2B, Toxic material Causing Other Toxic Effects

Moderate eye irritant

SECTION 16 ADDITIONAL INFORMATION

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Date Prepared: Jan 1/2025

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The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product. Observe all federal, provincial and state laws concerning health, safety and pollution.