

# SAFETY DATA SHEET

## CAPS

### 3-(Cyclohexylaminopropane)-1-propanesulphonic acid

#### 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: CAPS**  
**Synonym: 3-(Cyclohexylamino)-1-propanesulphonic acid**

**Catalog Number: CAP603/CAP666**

#### SECTION 2 HAZARDS IDENTIFICATION

**GHS Classification:**  
**Not hazardous according to GHS**

**Potential Health Effects:**

**Inhalation:** may be harmful if inhaled  
**Skin:** may be harmful if absorbed through skin  
**Eyes:** May cause eye irritation  
**Ingestion:** May be harmful if swallowed

#### SECTION 3 COMPOSITION/ INGREDIENTS

|      | CAS #     | EC-No.    | %  |
|------|-----------|-----------|----|
| CAPS | 1135-40-6 | 214-492-1 | 99 |

**Molecular Formula:** C<sub>9</sub>H<sub>19</sub>NO<sub>3</sub>S  
**Molecular Weight:** 221.32

#### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with 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. Get medical aid if irritation persists.  
**Ingestion:** Wash mouth with water. Get medical aid if any symptoms appear.

#### SECTION 5 FIRE FIGHTING MEASURES

**Flammability:** not flammable  
**Flash Point:** not determined  
**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:

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

#### Exposure limits:

ACGIH, NIOSH, OSHA, none listed

Use adequate ventilation. Avoid dust generation..

**Personal protective Equipment:** Wear appropriate safety glasses and protective gloves/clothing

**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 crystalline solid

**Odor:** no information found

**Odor Threshold:** : no information found

**Melting Point:** >300C

**Boiling Point:** no information found

**Specific Gravity:** no information found

**Vapor Density:** no information found

**Vapor pressure:** no information found

**Water Solubility:** 100g/L

**pH:** 3 - 7

**Flammability:** not flammable

**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.

**Hazardous Decomposition Products:** carbon dioxide, carbon monoxide and nitrogen oxides, sulfur oxides

**Hazardous Polymerization:** Has not been reported

#### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

No data available

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**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

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| <b>SECTION 12</b> | <b>ECOLOGICAL INFORMATION</b> |
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No information found.

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| <b>SECTION 13</b> | <b>DISPOSAL CONSIDERATION</b> |
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**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

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| <b>SECTION 14</b> | <b>TRANSPORT INFORMATION</b> |
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**Shipping Information:**

**DOT (US):** not regulated

**IMDG:** not regulated

**IATA:** not regulated

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| <b>SECTION 15</b> | <b>REGULATORY INFORMATION</b> |
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**US Federal regulations:**

Listed on TSCA

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| <b>SECTION 16</b> | <b>ADDITIONAL INFORMATION</b> |
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Date Prepared: Jan 1/2025

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Observe all federal, provincial and state laws concerning health, safety and pollution.