



Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet

CAPS, sodium salt

1: Chemical Product and Company Identification

Product Name: CAPS, sodium salt

Catalog Code: 40330004-1, 40330004-2

CAS#: 105140-23-6

RTECS: Not Listed.

TSCA: TSCA 8(b) inventory: No products were found.

CI#: Not available.

Synonym: 3-(Cyclohexylamino)-1-propanesulfonic acid, sodium salt

Chemical Name: 3-[Cyclohexylamino]-1-propanesulfonic acid.

Chemical Formula: C₉H₁₈NO₃SNa

Contact information:

bioWORLD

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For information, call: 614-792-8680

Fax Number: 614-792-8685

Order Online: www.bio-world.com

E-mail : save@bio-world.com

In case of a chemical emergency, contact local hospital.

For non-emergency assistance, call: 1-800-860-9729

2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
CAPS, sodium salt	105140-23-6	-

Toxicological Data on Ingredients:

Not available.

3: Hazards Identification

Potential Acute Health Effects: Irritating to eyes, respiratory system and skin.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

4: First Aid Measures

Eye Contact: Flush immediately with large amounts of water for at least 20 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Do not allow victim to rub the affected eye(s). Get medical attention if irritation persists.

Skin Contact: Immediately flush skin with plenty of water, for at least 15 minutes, while removing contaminated clothing and shoes. Contaminated clothing must be laundered before reuse. Get medical attention if irritation develops or persists.

Serious Skin Contact: Not available.

Inhalation: Safely remove victim to fresh air. If not breathing, institute artificial respiration/rescue breathing. If breathing is difficult, ensure clear airway and give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention.

Serious Ingestion: Not available.

5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Product of Combustion: Combustion may produce CO, CO₂, NO_x, and/or SO_x.

Fire Hazards in Presence of Various Substances: May emit toxic and/or irritating fumes under fire conditions.

Explosion Hazards in Presence of Various Substances:

Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Dry chemical powder.

LARGE FIRE: Use a water spray, dry chemical, alcohol foam, all purpose foam or carbon dioxide to extinguish fire.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

6: Accidental Release Measures

Small Spill: Vacuum or sweep up material and place in a disposal container. Clean up spills immediately under qualified supervision observing precautions in Protective Equipment section. Avoid clean up procedures that generate dust or result in water pollution. After removal, scrub the contaminated area with detergent and flush thoroughly with water. Absorb wash liquid and place in the disposable container. Do not flush to sewer. Avoid runoff into storm sewers and ditches which lead to waterways.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading

water on the contaminated surface and allow to evacuate through the sanitary system.

7: Handling and Storage

Precautions: Use only in a well ventilated area. Avoid inhalation and contact with skin, eyes and on clothing. Empty containers may contain material residue. Do not reuse. Do not eat, drink or smoke in areas of use or storage. Minimize dust generation during handling and contact. Wash hands thoroughly before eating, drinking or smoking.

Storage: Store at room temperature. Keep containers tightly closed and upright when not in use.

8: Exposure Controls/Personal Protection

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Personal Protection: Respiratory : Government approved respirator.

Hand: Chemical resistant gloves.

Eye: Safety glasses.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Boots. Dust respirator. Gloves.

Exposure Limits: Not available.

9: Physical and Chemical Properties

Physical State and Appearance: Solid (powder).

Odor: Not available.

Taste: Not available.

Molecular Weight: 243.3 g/mole

Color: White.

pH(1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: Not available.

Vapour Pressure: Not available.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Not available.

10: Stability and Reactivity Data

Stability: Stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Strong oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

11: Toxicological Information

Routes of Entry: Skin Contact. Eye Contact. Inhalation. Ingestion.

Toxicity to Animals:

Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Skin :This material may cause skin irritation. Reddening, itching and inflammation may result. May be absorbed through the skin.

Eyes: Direct contact may cause irritation, redness, tearing and blurred vision.

Inhalation : May cause irritation to the respiratory tract. This material may cause injury or illness if inhaled.

Ingestion :If ingested, this material may cause irritation to the mouth, throat and gastrointestinal tract. May be harmful if swallowed.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Product of Biodegradation: Not available.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

13: Disposal Considerations

Waste Disposal: Waste must be disposed of according to federal, state and local environmental regulations.

14: Transport Information

DOT Classification: Not a DOT controlled material.

Identification: Not available.

Special Provisions for Transport: Not available.

15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory :No products were listed.

Other Regulations: Not available.

Other Classifications:

WHMIS(Canada): Not available.

DSCL(EEC): Not available.

HMIS(U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment: Safety goggles. Lab coat. Gloves. Dust respirator.

16: Other Information

References: Not available.

Other Special Considerations: Not available.

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