

MOPS hemisodium salt: sc-216096



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MOPS hemisodium salt

Product Number: sc-216096

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. HAZARDS IDENTIFICATION

Emergency overview

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: 3-(N-Morpholino)propanesulfonic acid hemisodium salt
4-Morpholinepropanesulfonic acid hemisodium salt

Formula: C₁₄H₂₉N₂NaO₈S₂

Molecular weight: 440.50

CAS #: 117961-20-3

4. FIRST AID MEASURES

If inhaled

No data available

In case of skin contact

No data available

In case of eye contact

No data available

If swallowed

Do not induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Notes for Physician

Treat symptomatically and supportively

5. FIREFIGHTING MEASURES

Suitable extinguishing media

No data available

Special protective equipment for firefighters

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use proper personal protective equipment as indicated in section 8.

Methods and materials for containment and clean up

Sweep up, then place into a suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

No data available

Conditions for safe storage

Store in a cool and dry location. Store at room temperature.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal protective equipment

Respiratory protection

Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure. Wear appropriate protective clothing to minimize contact with skin.

Eye protection

Wear safety glasses and chemical goggles if splashing is possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------|-------------------|---------------------------|-------------------|
| Form | Solid | pH | no data available |
| Vapor pressure | Negligible | Viscosity: | no data available |
| Boiling point: | no data available | Freezing / Melting point: | no data available |
| Flash point: | no data available | Autoignition temperature: | no data available |
| Lower explosion limits: | no data available | Upper explosion limits: | no data available |

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal temperatures and pressures.

Materials to avoid

Oxidizing agents, reducing agents, bases, alkali metals.

Conditions to avoid

Incompatible materials.

Hazardous decomposition products

Carbon monoxide, carbon dioxide.

Hazardous polymerization

Has not been reported

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Selected LD50s and LC50s no data available

Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP, OR OSHA.

Additional Information

RTECS#: no data available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

No information available.

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

Listed on the TSCA inventory.

European/International Regulations

European labeling in accordance with EC Directives

Risk phrases:

none

Safety phrases:

S24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

No data available

Canada - DSL/NDSL

Listed on Canada's DSL list.

Canadian Ingredient Disclosure List

Not listed on Canada's Ingredient Disclosure List.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

03/20/2014