

Heparin derived Tetrasaccharide: sc-286005



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Heparin derived Tetrasaccharide

Product Number: sc-286005

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

Classification:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 or GHS.

Not a hazardous substance or mixture according to EC-Directives 67/548/EEC or 1999/45/EC.

Labeling and precautionary statements:

Caution - substance not yet tested completely.

Hazard statement(s):

- Not required.

Precautionary statement(s):

- Not required.

Hazard symbol(s):

- Not required.

R-phrases(s):

- Not required.

S-phrases(s):

- Not required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS number: 61844-85-7

4. FIRST AID MEASURES

Eye contact:

Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical aid immediately.

Skin contact:

Get medical aid. Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

Inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.

Ingestion:

Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious. Call a physician.

Notes to Physician:

Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Personal precautions:

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

Extinguishing media:

In case of fire use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Special hazards arising from the substance or mixture:

Carbon oxides, nitrogen oxides (NO_x), sulphur oxides.

Unusual fire & explosion hazards:

Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Personal precautions:

Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental precautions:

Do not let product enter the drains.

Spills/Leaks:

Vacuum or sweep up and place the material in appropriate container for disposal. Ventilate area, clean up spills and wash spill site after material pickup is complete, observing precautions in the Protective Equipment section.

7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Keep container tightly closed. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid formation of dust and aerosols. Avoid prolonged or repeated exposure. Provide appropriate exhaust ventilation at places where dust is formed.

Storage:

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Freeze. Keep cold. Store at -20 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protection equipment:

Eye protection:

Wear appropriate protective safety glasses with side-shields conforming to EN166, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection:

Wear appropriate protective gloves to prevent skin exposure, as defined in EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection:

Appropriate protective clothing, overalls.

Respiratory protection:

Where risk assessment indicates air-purifying respirators are required use a dust mask type N95 (US) or type P1 (EN 143) respirator. Respirators and components must be tested and approved under appropriate government standards - NIOSH (US) or CEN (EU).

Hygiene measures:

Use good working practices. Wash hands and face thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid.	Odor:	No data available.
Odor threshold:	No data available.	pH:	No data available.
Melting point:	No data available.	Boiling point:	No data available.
Flash point:	No data available.	Evaporation rate:	No data available.
Flammability:	No data available.	Flammability or explosive limits:	No data available.
Vapor pressure:	No data available.	Vapor density:	No data available.
Density:	No data available.	Solubility:	Water.
Auto-ignition temperature:	No data available.	Decomposition temperature:	No data available.
Partition coefficient: n-octanol/water	No data available.	Viscosity:	No data available.

10. STABILITY AND REACTIVITY

Chemical stability:

Stable.

Conditions to avoid:

Data not available.

Incompatibilities with other materials:

Strong oxidizing agents.

Hazardous decomposition products:

Carbon oxides, nitrogen oxides (NO_x), sulphur oxides.

Hazardous polymerization:

Will not occur.

11. TOXICOLOGICAL INFORMATION

RTCS #:

Data not available.

Acute toxicity:

Data not available.

Skin corrosion/irritation:

Data not available.

Serious eye damage/eye irritation:

Data not available.

Respiratory or skin sensitization:

Data not available.

Germ cell mutagenicity:

Data not available.

Carcinogenicity:

Data not available.

Reproductive toxicity:

Data not available.

Specific target organ toxicity - single exposure:

Data not available.

Specific target organ toxicity - repeated exposure:

Data not available.

Aspiration hazard:

Data not available.

Signs and symptoms of exposure:

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Potential health effects:

Eye: Causes eye irritation.

Skin: May be harmful by skin absorption. Causes skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

Chronic: No information found.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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.

9/02/2014