

Product Safety Data Sheet

1. Product Identification

Product Name: Heparan oligosaccharide NA-9mer
Product number: GT2058
Chemical formula: $C_{68}H_{102}N_8O_{58}S_3$
Manufacturer: Glycan Therapeutics, LLC
125 South Road, Kenan Labs-B Rm.
B-927, CB# 3266
Chapel Hill, NC 27599, USA
Identified uses: Research chemicals
Emergency Tel: 919-843-6772

2. Hazards Identification

Not a hazardous substance

3. Composition/Information on Ingredients

Carbohydrate-based compound, noncombustible or nontoxic.
Highly water soluble

4. First Aid Measures

General advice- Move out of dangerous area.

If inhaled- move into an area with fresh air.

If not breathing, contact medical emergency personnel.

In case of Skin contact- Wash off with water.

In case of Eye contact- Flush with water.

If swallowed- Rinse mouth with water.

5. Firefighting Measures

Extinguishing media- Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance- carbon dioxide, nitrogen oxide and sulfur oxides

Advice for firefighters- Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal precautions- Avoid breathing vapor, mist or gas.

Environmental precautions- Do not allow product enter drains. □

Methods and materials for containment and cleaning up- Sweep up and clean the contaminated area with water.

7. Handling and storage

Precautions for safe handling- Normal measures for preventive fire protection.

Conditions for safe storage- keep in a freezer that has the temperature below -20°C.

8. Exposure controls/Personal protection

Control parameters/Exposure controls- no available data for the exposure limits. General hygiene practice.

Eye/face protection- Eye protection ware is recommended. *Skin protection-* Standard nitrile rubber gloves should be worn.

9. Physical and Chemical Properties

Appearance: in water solution, colorless

Odor: no data available

pH: 4 to 8 □

Melting point: no data available

Boiling point: no data available

Water solubility: 20gm/L

10. Stability

Reactivity: No data available
Chemical stability: Stable under recommended conditions
Possible hazardous reactions: No data available
Incompatible materials: No data available □
Hazardous decomposition products: No data available

11. Toxicological Information

Acute toxicity: no data available
Carcinogenicity: no data available
Reproductive toxicity: no data available □
Specific target organ toxicity: no data available

12. Ecological Information

Toxicity: no data available □
Persistence and degradability: no data available
Bioaccumulative potential: no data available
Mobility in soil: no data available

13. Disposal Considerations

Waste treatment-Offer surplus and non-recyclable solutions to a licensed disposal company.

14. Transportation

Not dangerous goods