

Blood Group A Tetrasaccharide: sc-285031



The Power to Question

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Product Name: Blood Group A Tetrasaccharide
Catalog Number: sc-285031
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 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. COMPOSITION/INFORMATION ON INGREDIENTS

Molecular Formula: C₂₆H₄₅NO₂₀
Molecular Weight: 691.63
CAS Number: 59957-92-5
EINECS Number: -

3. HAZARDS IDENTIFICATION

Classification:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 or GHS.
This substance is not classified as dangerous according to Directive 67-548-EEC.

Labelling and precautionary statements:

Substance not yet tested completely.

Hazard statement(s): - Not required.
Precautionary statement(s): - Not required.
Hazard symbol(s): - Data not available.
R-phrases(s): - Data not available.
S-phrases(s): - Data not available.

4. FIRST AID MEASURES

Eye contact: Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical attention immediately.
Skin contact: In case of contact remove contaminated clothing and immediately wash affected areas with copious quantities of water and soap for at least 15 minutes. Get medical aid immediately. 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: 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 powder, carbon dioxide, or alcohol-resistant foam.
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.
Environmental precautions:	Do not let product enter the drains.
Spills/Leaks:	Sweep up and place the material in appropriate container for disposal. Avoid raising dust. 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:	Wear appropriate protective clothing - see Section 8. Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.
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

Personal protection equipment:

Eye protection:	Wear appropriate protective eyeglasses, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations.
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

Appearance:	Solid.
Odor:	Data not available/does not apply.
Odor threshold:	Data not available/does not apply.
pH:	Data not available/does not apply.
Melting point:	Data not available/does not apply.
Boiling point:	Data not available/does not apply.

Flash point:	Data not available/does not apply.
Evaporation rate:	Data not available/does not apply.
Flammability:	Data not available/does not apply.
Flammability or explosive limits:	Data not available/does not apply.
Vapor pressure:	Data not available/does not apply.
Vapor density:	Data not available/does not apply.
Density:	Data not available/does not apply.
Solubility:	Data not available/does not apply.
Partition coefficient: n-octanol/water:	Data not available/does not apply.
Auto-ignition temperature:	Data not available/does not apply.
Decomposition temperature:	Data not available/does not apply.
Viscosity:	Data not available/does not apply.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Moisture.
Incompatibilities with other materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides, nitrogen oxides.
Hazardous polymerization:	Data not available.

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:	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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:	May cause eye irritation.
Skin:	May cause skin irritation. May be harmful by skin absorption.
Ingestion:	May be harmful if swallowed.
Inhalation:	May be harmful if inhaled. May cause respiratory tract irritation.
Chronic:	No information found.

12. ECOLOGICAL INFORMATION

Data not yet available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

ADR/RID

Not classified as hazardous for transport.

IMDG

Not classified as hazardous for transport.

IATA

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

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

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.