MATERIAL SAFETY DATA SHEET

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SARA 313

Section 1 - Product and Company Information

Product Name TRIFUCOSYLLACTO-N-HEXAOSE A FROM HUMAN & Product Number T5299

Brand SIGMA Sigma-Aldrich Canada, Ltd

Address 2149 Winston Park Drive Oakville ON L6H 6J8 CA Technical Phone: 9058299500

9058299292 Fax:

800-424-9300 Emergency Phone: Section 2 - Composition/Information on Ingredient

Substance Name TRIFUCOSYLLACTO-N-HEXAOSE A 116883-09-1

FROMHUMAN MILK

C58H98N2O43 Formula

Company

Section 3 - Hazards Identification EMERGENCY OVERVIEW

Biohazard. Handle as if capable of transmitting infectious agents.

Section 4 - First Aid Measures

ORAL EXPOSURE If swallowed, wash out mouth with water provided person is conscious. Call a physician.

For additional information on toxicity, please refer to Section 11.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult,

call a physician. DERMAL EXPOSURE

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

EYE EXPOSURE In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by

separating the eyelids with fingers. Call a physician.

Section 5 - Fire Fighting Measures FLASH POINT

AUTOIGNITION TEMP N/A

N/A

EXTINGUISHING MEDIA Suitable: Water spray. Carbon dioxide, dry chemical powder, or

FIREFIGHTING

FLAMMABILITY N/A

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

METHODS FOR CLEANING UP

Store at -20°C

PROCEDURE(S) OF PERSONAL PRECAUTION(S) Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Sweep up, place in a bag and hold for waste disposal. Avoid

Specific Hazard(s): Emits toxic fumes under fire conditions.

raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 6 - Accidental Release Measures

HANDLING User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Suitable: Keep tightly closed. Store in a cool dry place.

Section 8 - Exposure Controls / PPE

PERSONAL PROTECTIVE EQUIPMENT

Section 7 - Handling and Storage

Property

BP/BP Range

MP/MP Range

Freezing Point

Vapor Density

Bulk Density Odor Threshold

Water Content Solvent Content

Evaporation Rate

Surface Tension

Explosion Limits Flammability Autoignition Temp

Volatile% VOC Content

Viscosity

Flash Point

Saturated Vapor Conc.

Partition Coefficient N/A Decomposition Temp. N/A

clothing.

Molecular Weight

ENGINEERING CONTROLS Mechanical exhaust required.

Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective

GENERAL HYGIENE MEASURES Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Value

N/A

N/A

N/A

N/A

N/A N/A

N/A N/A

N/A

N/A

N/A N/A

1,511 AMU N/A

Appearance Physical State: Solid

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N/A Vapor Pressure

At Temperature or Pressure

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Refractive Index Optical Rotation N/A Miscellaneous Data N/A Solubility N/A N/A - not available Section 10 - Stability and Reactivity STABILITY Stable: Stable. HAZARDOUS DECOMPOSITION PRODUCTS Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide. HAZARDOUS POLYMERIZATION Hazardous Polymerization: Will not occur Section 11 - Toxicological Information ROUTE OF EXPOSURE Multiple Routes: May cause irritation. May be harmful by inhalation, ingestion, or skin absorption. CONDITIONS AGGRAVATED BY EXPOSURE

investigated.

No data available.

DOT

SIGMA - T5299

agents.

DSL: No

DISCLAIMER

WARRANTY

SARA LISTED: No

Section 13 - Disposal Considerations APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION Disposal should be made in accordance with existing disposal

Section 14 - Transport Information

US CLASSIFICATION AND LABEL TEXT

CANADA REGULATORY INFORMATION

Indication of Danger: Biohazard.

UNITED STATES REGULATORY INFORMATION

Section 12 - Ecological Information

Proper Shipping Name: None Non-Hazardous for Transport: This substance is

Non-Hazardous for Air Transport: Non-hazardous for air transport. Section 15 - Regulatory Information

US Statements: Handle as if capable of transmitting infectious

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS

For R&D use only. Not for drug, household or other uses.

The above information is believed to be correct but does not

knowledge and is applicable to the product with regard to

purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our

shall not be held liable for any damage resulting from handling or

appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc.,

considered to be non-hazardous for transport.

The toxicological properties have not been thoroughly

practices employed for infectious waste at your institution. Observe all federal, state, and local environmental regulations.

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NDSL: No Section 16 - Other Information

contains all the information required by the CPR.

from contact with the above product. See reverse side of invoice

or packing slip for additional terms and conditions of sale. Copyright 2009 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.

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