MATERIAL SAFETY DATA SHEET

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SARA 313

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Section 1 - Product and Company Information
Product Name
                             TRIOLEIN
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92859 Product Number Brand FLUKA Company

Sigma-Aldrich Canada, Ltd Address 2149 Winston Park Drive Oakville ON L6H 6J8 CA 9058299500 Technical Phone:

9058299292 Fax: 800-424-9300

Emergency Phone: Section 2 - Composition/Information on Ingredient

TRIOLEIN 122-32-7

C57H104O6 Formula

Section 3 - Hazards Identification

HMIS RATING HEALTH: 0

FLAMMABILITY: 0 REACTIVITY: 1 NFPA RATING HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 1

Substance Name

ORAL EXPOSURE If swallowed, wash out mouth with water provided person is

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

INHALATION EXPOSURE

conscious. Call a physician.

Section 4 - First Aid Measures

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

EYE EXPOSURE

DERMAL EXPOSURE

amounts of water.

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.

In case of contact, immediately wash skin with soap and copious

FLASH POINT

AUTOIGNITION TEMP

EXTINGUISHING MEDIA

appropriate foam.

Section 5 - Fire Fighting Measures

Method: closed cup

N/A FLAMMABILITY

330 °C

N/A

FIREFIGHTING Protective Equipment: Wear self-contained breathing apparatus

METHODS FOR CLEANING UP Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material

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

and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

HANDLING

Section 7 - Handling and Storage

Section 6 - Accidental Release Measures

Store at 2-8°C

ENGINEERING CONTROLS

Appearance

Property

BP/BP Range

MP/MP Range

Freezing Point Vapor Pressure

Odor Threshold

Solvent Content Evaporation Rate

Surface Tension

ROUTE OF EXPOSURE

FLUKA - 92859

No data available.

DOT

Decomposition Temp.

Partition Coefficient N/A

Volatile%

Viscosity

VOC Content

Water Content

FLUKA - 92859

Molecular Weight

pickup is complete.

SPECIAL REQUIREMENTS Air and light sensitive. Store under inert gas. Section 8 - Exposure Controls / PPE

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is

Physical State: Clear viscous liquid

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18 mmHg

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At Temperature or Pressure

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Safety shower and eye bath. Mechanical exhaust required.

Color: Colorless

User Exposure: Avoid inhalation. Avoid contact with eyes, skin,

and clothing. Avoid prolonged or repeated exposure.

Suitable: Keep tightly closed. Store under argon.

desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Hand: Protective gloves.

Eye: Chemical safety goggles.

PERSONAL PROTECTIVE EQUIPMENT

GENERAL HYGIENE MEASURES Wash thoroughly after handling.

Value

N/A

N/A N/A

N/A

N/A

N/A

N/A

N/A

N/A N/A

885.46 AMU

Section 9 - Physical/Chemical Properties

Vapor Density N/A Saturated Vapor Conc. N/A 0.913 g/cm3 SG/Density Bulk Density N/A

235.0 - 240.0 °C

N/A 626 °F 330 °C Method: closed cup Flash Point Explosion Limits N/A Flammability N/A Autoignition Temp N/A 1.469 Refractive Index N/A Optical Rotation Miscellaneous Data N/A Solubility N/A N/A = not available Section 10 - Stability and Reactivity STABILITY Stable: Stable. Conditions of Instability: Air and light sensitive. Conditions to Avoid: Heat. Materials to Avoid: Strong oxidizing agents. HAZARDOUS DECOMPOSITION PRODUCTS Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide. HAZARDOUS POLYMERIZATION Hazardous Polymerization: Will not occur

toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Information

Section 13 - Disposal Considerations

environmental regulations.

Proper Shipping Name: None

Section 14 - Transport Information

Section 15 - Regulatory Information

UNITED STATES REGULATORY INFORMATION

CANADA REGULATORY INFORMATION

Section 16 - Other Information

SARA LISTED: No

DISCLAIMER

SIGNS AND SYMPTOMS OF EXPOSURE

Section 11 - Toxicological Information

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Skin Absorption: May be harmful if absorbed through the skin.

To the best of our knowledge, the chemical, physical, and

upper respiratory tract. May be harmful if inhaled.

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Inhalation: Material may be irritating to mucous membranes and

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Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport. Non-Hazardous for Air Transport: Non-hazardous for air transport.

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

contains all the information required by the CPR. DSL: Yes NDSL: No

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

WARRANTY The above information is believed to be correct but does not 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 knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or 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.