MATERIAL SAFETY DATA SHEET

Date Printed: 03/18/2008 Date Updated: 02/02/2006 Version 1.4

Section 1 - Product and Company Information Product Name METHYL LAURATE, 99.5% Product Number 234591 Brand ALDRICH Company Sigma-Aldrich Canada, Ltd Address 2149 Winston Park Drive Oakville ON L6H 6J8 CA Technical Phone: 9058299500 Fax: 9058299292 800-424-9300 Emergency Phone: Section 2 - Composition/Information on Ingredient SARA 313 Substance Name CAS # METHYL LAURATE 111-82-0 No Formula C13H26O2 Synonyms Metholene 2296 * Methyl dodecanoate * Methyl dodecylate * Methyl laurate * Methyl laurinate * Stepan C40 * Uniphat A40 OF0670000 RTECS Number: Section 3 - Hazards Identification HMIS RATING HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0 NFPA RATING HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0 For additional information on toxicity, please refer to Section 11. Section 4 - First Aid Measures ORAL EXPOSURE If swallowed, wash out mouth with water provided person is conscious. Call a physician. INHALATION EXPOSURE If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. DERMAL EXPOSURE In case of contact, immediately wash skin with soap and copious amounts of water.

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 235 °F 113 °C Method: closed cup AUTOIGNITION TEMP N/A FLAMMABILITY N/A EXTINGUISHING MEDIA Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam. FIREFIGHTING Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions. Section 6 - Accidental Release Measures METHODS FOR CLEANING UP Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete. Section 7 - Handling and Storage HANDLING User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. STORAGE Suitable: Keep tightly closed. Section 8 - Exposure Controls / PPE ENGINEERING CONTROLS Safety shower and eye bath. Mechanical exhaust required. PERSONAL PROTECTIVE EQUIPMENT 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 desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Hand: Protective gloves. Eye: Chemical safety goggles. GENERAL HYGIENE MEASURES Wash thoroughly after handling. Section 9 - Physical/Chemical Properties Appearance Physical State: Liquid Color: Colorless

Property Value At Temperature or Pressure Molecular Weight 214.35 AMU pH N/A BP/BP Range 261.0 - 262.0 °C MP/MP Range 4.5 °C Freezing Point N/A Vapor Pressure N/A Vapor Pressure N/A Subart Vapor Pressure N/A Solor Threshold N/A Solor Threshold N/A Volatile8 N/A Volatile6 N/A Volatile6 N/A Volatile6 N/A Volatile6 N/A Volatile6 N/A Volatile6 N/A Vargor Threshold N/A Solvent Content N/A Paration Coefficient N/A Pressity N/A Peroposition Temp. N/A Palash Point 235 °F 113 °C Method: closed cup Explosion Limits Pressition Temp. N/A Palamability N/A Autoignition Temp N/A Solubility N/A Solubility N/A Stable: Stable. Mater Content Materials to Avoid: Strong oxidizing agents, Strong bases. HAZAROOUS POLYMERIZATION <th></th> <th></th> <th></th>					
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Section 12 - Ecological Information					

No data available.

Section 13	- Disposal	Considerations
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APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION 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 environmental regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 - Regulatory Information

UNITED STATES REGULATORY INFORMATION SARA LISTED: No TSCA INVENTORY ITEM: Yes

CANADA REGULATORY INFORMATION

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

Section 16 - Other Information

DISCLAIMER

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 2008 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.