



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: JEEN INTERNATIONAL CORPORATION
24 MADISON ROAD
FAIRFIELD, NJ 07004
TEL.# 973-439-1401

Chemtrec Emergency Telephone No.: 800-424-9300
*Chemtrec International Telephone No.: 703-527-3887
*(Collect Calls Accepted)

Product Name: **JEECHEM ML**
CAS Registry Number: 1323-03-1; 112-72-1
CAS Registry Name: Propanoic acid 2-hydroxy-tetradecyl ester; 1-Tetradecanol
Synonyms: Myristyl Lactate (INCL NAME)
Formula: C17H34O3
Molecular Weight: 286.47

SECTION 2 – COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Component	ACGIH Threshold Limit Values Data – Time Weighted Average (TWA):	ACGIH Threshold Limit Values Data – Short Term Exposure Limit (STEL):	ACGIH Exposure Limits
1-Tetradecanol 112-72-1(21)	No TLV/TWA Established	No TLV/STEL Established	
Propanoic Acid 2-hydroxy- Tetradecylester 1323-03-1(69)	No TLV/TWA Established	No TLV/STEL Established	

Statement of Hazardous Nature: Causes moderate skin irritation

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Overview

Target Organs: Skin
Primary Entry Routes: Dermal-Skin
Acute Health Hazards: None
Chronic Health Hazards: Unknown

Signs and Symptoms of Overexposure

Eye Contact: Not a hazard under normal use conditions
Skin Contact: Causes moderate skin irritation
Ingestion: Not a hazard under normal use conditions
Inhalation: Not a hazard under normal use conditions

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with copious amounts of water
Skin Contact: Immediately wash with soap and water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse
Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.



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SECTION 5 – FIRE FIGHTING MEASURES

NFPA Rating: **Health: 1 Flammability: 1 Reactivity: 0**

Flash Point (deg. F): 350
Extinguishing Media: All standard firefight media
Unusual Fire / Explosion Hazards: Unknown
Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment

HMIS RATING: **HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0**

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use Appropriate protective equipment
Procedure for Cleaning/Absorption: Contain spill with sand or other inert materials

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling
Storage: Store in sealed containers in a protected area

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use in well ventilated area
Respiratory Protection: Use in a well ventilated area
Hand Protection: All cleanable impervious glove types are acceptable
Eye Protection: Safety glasses

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Water-White
Odor: Fatty
pH: Not determined
Specific Gravity: 0.892-0.904 @ 25 deg. C
Boiling Point (deg.F): 617.
Melting Point (deg.F): 43.7
Vapor Pressure: Not determined
Solubility: Insoluble in water

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of handling, use and transportation
Hazardous Polymerization: Will not occur
Conditions to Avoid: None anticipated
Materials to Avoid: Strong oxidizers



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SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Test:
Acute Oral LD50 (mg/kg): 18,080 mg/kg
Skin irritation: Moderately irritating to rabbit skin (as sold). Non-irritating to rabbit skin (10% solution mineral oil).

SECTION 12 – ECOLOGICAL INFORMATION

Biodegradability: Not determined
Aquatic Toxicity: No data is available on the adverse effects of this material on the environment

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Federal, State and Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

SECTION 14 – TRANSPORT INFORMATION

Land Transportation:
DOT (Non-Bulk):
DOT Shipping Name: Not regulated
UN/NA Number: None
Hazard Class: None

DOT (Bulk):
DOT Shipping Name: Not regulated
UN/NA Number: None
Hazard Class: None

Air Transportation (IATA):
Proper Shipping Name: Not regulated
UN Number: None
Hazard Classification: None

Sea Transportation (IMO):
Proper Shipping Name: Not regulated
UN/ID Number: None
Hazard Classification: None

TDG (Canada): None
UN Number: None
Hazard Class: None



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SECTION 15 – REGULATORY INFORMATION

TSCA Inventory List:	This product and/or its components is listed on TSCA
California Proposition 65 Carcinogens & Reproductive Toxicity (CRT) List:	None of the components of this product is listed on CALPROP
WHMIS Ingredient Disclosure List:	One or more components of this product is listed on WHMIS Ingredient Disclosure list
Canada DSL Inventory List:	This product and/or its components is listed on DSL
Canada NDSL Inventory List:	This product and/or its components is not listed on NDSL
Japan Inventory of Existing & New Chemical Substances (ENCS):	This product and/or its components is listed on ENCS
Australia Inventory of Chemical Substances (AICS) List:	This product and/or its components is listed on AICS
EU EINECS List:	This product and/or its components is listed on EINECS
EU ELINCS List:	this product and/or its components is not listed on ELINCS

SECTION 16 – OTHER INFORMATION

The information herein is intended for use by persons who have or should obtain professional knowledge and experience in the subjects discussed. Jeen International makes no warranty, express or implied as to the accuracy, completeness or reliability of information herein except that such information is, the best of Jeen International knowledge and belief, accurate as of the date indicated. Jeen International recommends that customers independently test and evaluate its products and their products and processes in which Jeen International products are used in order to decide their safety and effectiveness.