



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 1 - IDENTIFICATION OF PRODUCT

ISSUED BY: JEEN INTERNATIONAL CORPORATION **Chemtrec EMERGENCY TEL# 800-424-9300**
ADDRESS: 24 MADISON ROAD **Chemtrec INT'L TEL# 703-527-3887(Collect Calls Accepted)**
CITY/ST/ZIP: FAIRFIELD, NJ 07004
Tel.# 973-439-1401

TRADE NAME AND SYNONYMS: JEECHEM DO **CAS#: 3687-46-5**
CHEMICAL NAME AND SYNONYMS: DECYL OLEATE EINECS #222-981-6
9-OCTADECENOIC ACID, DECYL ESTER
CHEMICAL FAMILY: FATTY ACID ESTER
MOLECULAR FORMULA: C₂₈H₅₄O₂
REVISIONS INDICATORS: September 17, 2008

SECTION 2- COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL	CONCENTRATION (WT. %)	EXPOSURE LIMITS	
Isodecyl Oleate CASRN 3687-45-5	100.0	None Established	
Hazardous Ingredients			
Comp	Cas no	Percentage (by wt.)	Carcinogen
Alkyl alcohol	Confidential	Form 1 to 4.9 percent	N/E

N/E – None established

SECTION 3- HAZARDS IDENTIFICATION

Emergency
Overview

Non hazardous under normal conditions of use.

Yellow Liquid

SKIN CONTACT:
May cause mild irritation.

EYE CONTACT:
This material is not classified as an eye irritant.

INHALATION:
Unknown. Avoid prolonged or repeated exposure.

INGESTION:
Do not take internally. Not considered toxic by animal tests, but may be harmful if swallowed in large quantities.

CHRONIC EFFECTS:
None Known



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SECTION 3- HAZARDS IDENTIFICATION CONTINUED...

OTHER HEALTH EFFECTS:

None known

PRIMARY ROUTES OF EXPOSURE:

Skin

Appearance

Clear light yellow liquid.

Odor

Bland

Principal Hazards

Warning.

- Harmful if inhaled.
- May cause eye irritation.

See section 11 for complete health information.

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT:

Wash affected and with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

EYE CONTACT:

Flush eyes with plenty of water for at least 15 minutes. Do not permit victim to rub eyes. Get medical attention immediately. Remove contact lenses, if present and easy to do. Continue rinsing.

INHALATION:

Immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration, preferably, mouth to mouth. Get medical attention immediately.

INGESTION:

Call a physician or poison control center immediately. **DO NOT INDUCE VOMITING.**

ADDITIONAL INFORMATION:

Note to physician: Treat symptomatically

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point:

>200 Deg. F (Method Unknown)

LFL:

Not Determined

UFL: Not Determined

Autoignition Temp:

Not Determined

RECOMMENDED EXTINGUISHING MEDIA:

Carbon dioxide, Dry chemical, Foam, Water spray can be used to cool and protect exposed material.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective fire gear including self-containing breathing apparatus operated in the positive pressure mode with full face piece, coat pants, gloves and boots. Water or foam may cause frothing. Avoid solid streams of water. Use water spray, dry chemical, foam or carbon dioxide. Water may be ineffective but should be used to keep fire exposed containers cool. If a spill or leak has not ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire.



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SECTION 5 – FIRE FIGHTING MEASURES CONTINUED

UNUSUAL FIRE OR EXPLOSION HAZARDS:
 Perform only those fire fighting procedures for which you have been trained. Firefighters should wear self contained breathing apparatus in the positive pressure mode with a full face piece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

HAZARDOUS COMBUSTION PRODUCTS:
 Combustion products contain carbon dioxide and carbon monoxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:
 Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Remove sources of ignition. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Spilled liquid and dried film are slippery. Use care to avoid falls. Pick up Free liquid for recycle and/ or disposal. Residual liquid can be absorbed on inert material.

SECTION 7 – HANDLING AND STORAGE

PUMPING TEMPERATRURE:
 Not determined.

MAXIMUM HANDLING TEMPERATURE:
 Not determined.

HANDLING PROCEDURES:
 Keep containers closed when not in use. Avoid eye contact. Avoid repeated or prolonged skin contact. Elevated temperature liquid, n.o.s. Wash thoroughly after handling. Do not reuse empty containers.

MAXIMUM STORAGE TEMPERATURE
 Not determined.

STORAGE PROCEDURES:
 Keep from freezing. Store container tightly closed in well-ventilated place. Do not store in open, unlabeled or mislabeled containers.

LOADING TEMPERATURE:
 Not determined.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

COMP	EXPOSURE GUIDELINES					
	OSHA		ACGIH		OTHER	
	TWA	STEL	TWA	STEL	TWA	STEL
Alkyl alcohol	N/E	N/E	N/E	N/E	N/E	N/E

- (S) – Skin exposure
- (P) – Proposed limit
- (C) – Ceiling exposure
- (I) – Recommended exposure limit



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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION CONTINUED...

(U) – Supplier recommended exposure limit
(N/E) – None established

OTHER EXPOSURE LIMITS:	None known.
ENGINEERING CONTROLS:	Prevent inhalation by providing effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist or vapor away from workers.
GLOVES PROCEDURES:	Use nitrile or neoprene gloves.
EYE PROTECTION:	Safety glasses.
RESPIRATORY PROTECTION:	Use NIOSH/MSHA approved full face respirator with a combination organic vapor and dust/ mist cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
CLOTHING RECOMMENDATION:	Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT:	> 160 °C, 320 ° F COC (Minimum)
UPPER FLAMMABLE LIMIT:	Not determined.
LOWER FLAMMABLE LIMIT:	Not determined.
AUTOIGNITION POIN:	Not determined.
EXPLOSION DATA:	Not determined.
VAPOR PRESSURE:	< 0.02 mm Hg (20°C)
PH:	Not determined.
SPECIFIC GRAVITY:	0.86 (20°C)
BULK DENSITY:	Not determined.
WATER SOLUBILITY:	Insoluble.
PERCENT SOLID:	Not determined.
PERCENT VOLATILE:	Unknown.
VOLATILE ORGANIC COMPOUND:	Not determined.
VAPOR DENSITY:	Not determined.
EVAPORATION RATE:	> 1 Butyl acetate =1
ODOR:	Bland
APPEARANCE:	Clear light yellow liquid.
VISCOSITY:	Unknown.
ODOR THRESHOLD:	Unknown.
BOILING POINT:	> 175 °C, > 347 °F (Typical)
POUR POINT TEMPERATURE:	Not determined.
MELTING / FREEZING POINT:	Not determined.

THE ABOVE DATA ARE TYPICAL VALUES AND DO NOT CONSTITUTE A SPECIFICATION. VAPOR PRSSURE DATA ARE CALCULATED UNLESS OTHERWISE NOTED.



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SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Material is normally stable at moderately elevated temperatures and pressure.
DECOMPOSITION TEMPERATURE:	Not determined.
HAZARDOUS POLYMERIZATION:	Will not occur.
INCOMPATIBLE MATERIALS:	Oxidizing agents.
CONDITIONS TO AVOID:	Overheating Do not freeze.
HAZARDOUS DECOMPOSITION PRODUCTS:	Combustion products contain carbon dioxide and carbon monoxide.
THERMAL DECOMPOSITION:	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION

TYPE OF STUDY	RESULTS	SPECIES
EYE IRRITATION	0.0 (Scale 0-110)	Rabbit
ORAL LD (50)	>5.0 g/kg	Rat
SKIN IRRITATION	0.23 (Scale 0-8)	Rabbit
EYE IRRITATION:	Weak to moderate eye irritant. Does not meet Canadian D2B or EU R36 criteria. Based on data from components and similar materials.	
SKIN IRRITATION:	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.	
RESPIRATORY IRRITATION:	If material is misted or if vapors are generated from heating exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components and similar materials.	
DERMAL TOXICITY:	The LD50 in rats is > 2000 mg/Kg. Based on data from components or similar materials.	
INHALATION TOXICITY:	High concentrations may cause headaches, dizziness, nausea, behavioral changes, weakness, drowsiness and stupor.	
ORAL TOXICITY:	The LD50 in rats is > 5000 mg/Kg. Based on data from components or similar materials. Ingestion of this material may cause gastrointestinal irritation.	



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SECTION 11 – TOXICOLOGICAL INFORMATION CONTINUED...

DERMAL SENSITATION:	Not expected to cause skin sensitization. Based on data from similar materials.
INHALATION SENSITIZATION:	no data available to indicate product or components may be respiratory sensitizers.
--CHRONIC EXPOSURE--	
CHRONIC TOXICITY:	No data available to indicate product or components present at greater than 1% are chronic health hazards.
CARCINOGENICITY:	No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.
MUTAGENICITY:	No data available to indicate either product or components present at greater than 0.1% are mutagenic or genotoxic.
REPRODUCTIVE TOXICITY:	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
TERATOGENICITY:	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.
OTHER:	No other health hazards known.

SECTION 12 – ECOLOGICAL INFORMATION

--ENVIRONMENTAL TOXICITY--

FRESHWATER FISH TOXICITY:	Not Determined
FRESHWATER INVERTEBRATES TOXICITY:	Not Determined
ALGAL INHIBITION:	Not Determined
SALTWATER FISH TOXICITY:	Not Determined
SALTWATER INVERTEBRATES TOXICITY:	Not Determined
BACTERIA TOXICITY:	Not Determined
MISCELLANEOUS TOXICITY:	Not Determined

--ENVIRONMENTAL FATE--

BIODEGRADATION:	Adequate data is not available to estimate the biodegradation potential of this material.
BIOACCUMULATION:	Less than 1.-% of the components bioconcentrate in aquatic organisms.
SOIL MOBILITY:	Not Determined.



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SECTION 13 – DISPOSAL CONSIDERATION

WASTE DISPOSAL: This material, if discarded, is not hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/ Provincial, and Local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

ICAO/IATA I	Not regulated.
ICAO/IATA II	Not regulated.
IMDG	Not regulated.
IMDG EMS Fire	Not applicable.
IMDG EMS Spill	Not applicable.
IMDG MFAG	Not applicable.
MARPOL Annex II	Not determined.
USCG COMPATIBILITY	Not determined.
U.S. DOT Bulk	Not regulated.
U.S. DOT Non-Bulk	Not regulated.
DOT NAERG	Not applicable.
TDG Bulk	Not regulated.
TDG Non-Bulk	Not regulated.
MEXICO	Not regulated.
MEXICO Non-Bulk	Not regulated.
Bulk Quantity	85000 liters, 22457 gal.
Non-Bulk Quantity	207.8 liters, 55 gal.

Review classification requirements before shipping materials at elevated temperatures.

SECTION 15 – REGULATORY INFORMATION

--GLOBAL CHEMICAL INVENTORIES--

USA	All components of this material are on the US TSCA Inventory or are exempt.
OTHER TSCA REG.	None Known.
EU	all components are in compliance with the EC Seventh amendment Directive 92/32/EEC.
JAPAN	This product contains on or more components that are not included on the existing and New Chemical Substances List (ENCS). It is intended for use solely as a cosmetic ingredient in Japan.
AUSTRALIA	All components are in compliance with chemical notification requirements in Australia.
NEW ZEALAND	All components are in compliance with chemical notification requirements in New Zealand.
CANADA	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
SWITZERLAND	All components are in compliance with the Environmentally Hazardous Substances ordinance in Switzerland.
KOREA	All components are in compliance in Korea.
PHILIPPINES	All components are in compliance with the Philippines Toxic Substance and Hazardous and Nuclear Waste Control Act of 1990 (R.A. 6969)



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SECTION 15 - REGULATORY INFORMATION CONTINUED...

CHINA All components of this product are listed on the Inventory of Existing Chemical Substances in China.

--OTHER U.S. FEDERAL REGULATIONS--

SARA EXT. HAZ. SUBST. This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

SARA SECTION 313 this product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

SARA 311 CLASSIFICATIONS

Acute Hazard	Yes
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No
None Known	

CERCLA HAZARDOUS SUBSTANCES
FDA APPROVAL Not applicable.

--STATE REGULATIONS--

CAL. PROP. 65 This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: 0.009% Substituted phenol, CAS no. 25013-16-5

--PRODUCT REGISTRATIONS--

U.S FUEL REGISTRATION Not applicable.

U.S DEPT OF AGRICULTURE This product has not been filed with the USDA to support H2 approvals.

NSF NON FOOD COMPOUNDS REGISTRATION This product has not been filed with the NSF to support H1 or H2 approvals.

FINNISH REGISTRATION NUMBER Not registered

SWEDISH REGISTRATION NUMBER Not registered

NORWEGIAN REGISTRATION NUMBER Not registered

DANISH REGISTRATION NUMBER Not registered

SWISS REGISTRATION NUMBER Not registered

KOREAN REGISTRATION NUMBER Not registered



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SECTION 16 – OTHER INFORMATION

USNFPA CODES	HEALTH 2	FIRE 1	REACTIVITY 0	SPECIAL N/E
	N/E) – NONE ESTABLISHED			
HMIS CODES	HEALTH 2	FIRE 1	REACTIVITY 0	SPECIAL
PRECAUTIONARY LABELS	Warning <ul style="list-style-type: none"> • Harmful if inhaled. • May cause eye irritation. 			

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by Jeen International as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does Jeen International assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.