

**MATERIAL SAFETY DATA SHEET**

Revision Date: JUNE 30, 2011

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER: JEEN INTERNATIONAL CORPORATION **Chemtrec Emergency Tel#: 800-424-9300**  
 24 MADISON ROAD **Chemtrec Int'l Tel#: 703-527-3887 (Collect Calls Accepted)**  
 FAIRFIELD, NJ 07004  
 Tel.# 973-439-1401

PRODUCT: **JEECHEM CEO** **Revision Date: May 2, 2011**  
 CTFA NAME: Cetearyl Ethylhexanoate  
 CHEMICAL FAMILY: FATTY ESTERS

**SECTION 2 – Composition and Ingredient Information**

Hazardous Ingredients:	This material has no known hazards under applicable laws		
Ingredient	CAS number	EINECS	Exposure Limit
Stearyl Ethylhexanoate	59130-70-0	261-620-7	Not established
Cetyl Ethylhexanoate	59130-69-7	261-619-1	Not established

**SECTION 3 - Hazardous Identification**

Hazardous Ingredients: This material has no known hazards under applicable laws

**SECTION 4 – FIRST AID MEASURES**

Eyes Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists  
 Skin Wash with soap and water. Get medical attention if irritation develops  
 Inhalation Remove exposed person to fresh air if adverse effects are observed  
 Oral Treat symptomatically. Get medical attention  
 Additional Info Note to physician: Treat symptomatically.

**SECTION 5 – FIRE FIGHTING MEASURES**

Flash Point: >165°C, 329°F COC (Minimum)  
 Extinguishing Media CO2, dry chemical, foam, water spray, water fog  
 Firefighting 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.  
 Unusual Fire & Explosion Material will not burn. Container may rupture on heating.

**SECTION 6- ACCIDENTIAL 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. Spill 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 temperature Not determined  
 Maximum Handling Temp Not determined

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**SECTION 7 – HANDLING AND STORAGE**

Handling Procedures Keep containers closed when not in use. Avoid eye contact. Avoid repeated or prolonged skin contact. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Empty containers retain material residue. Do not cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, spark or other sources of ignition.  
 Maximum Storage Temp Not determined  
 Storage Procedures Store container tightly closed in well-ventilated place. Do not store in open, unlabeled or mislabeled containers.  
 Loading Temp Not determined

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limits 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  
 Glove Procedures Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves.  
 Eye Protection Safety Glasses  
 Respiratory Protection Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if 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 No special clothing requirement

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Flash Point >165°C, 329°F COC (Minimum)  
 Upper Flammable Limit Not determined  
 Lower Flammable Limit Not determined  
 Auto Ignition Point Not determined  
 Explosion Data Material does not have explosive properties  
 Vapor Pressure >0.1 mm Hg (20°C)  
 PH Not determined  
 Specific Gravity 0.85 (20°C)  
 Bulk Density Not determined  
 Water Solubility Insoluble  
 Percent Solid Not determined  
 Percent Volatile Not determined  
 Volatile Organic Compound Not determined  
 Vapor Density >1 Air=1  
 Evaporation Rate Not determined  
 Odor Bland  
 Appearance Clear to light yellow liquid  
 Viscosity Not determined  
 Odor Threshold Not determined  
 Boiling Point > 177°C, >350.6 °F (Typical)  
 Pour Point Temperature Not determined  
 Melting / Freezing Point Not determined

This above data are typically values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

**SECTION 10 – STABILITY AND REACTIVITY**

Stability: Material is normally stable at moderately elevated temperatures and pressures.  
 Decomposition Temp Not determined  
 Incompatibility Oxidizing agents  
 Polymerization Will not occur

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SECTION 10 CONTINUED

Thermal Decomposition      Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion  
 Conditions to Avoid      Over Heating. Do not Freeze

SECTION 11 – TOXICOLOGICAL INFORMATION

Eye Irritation      Not expected to cause eye irritation Based on data from components or similar materials  
 Skin Irritation      Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated contact may cause skin discomfort or mild irritation.  
 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 or similar materials.  
 Dermal Toxicity      The LD50 in rabbits is >2000 mg/ Kg. Based on data from components or similar materials  
 Inhalation Sensitization      No data available to indicate product or compnents may be respiratory sensitizers  
  
 Chronic Toxicity      -Chronic Exposure-  
                                  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 preset a carcinogenic hazard.  
 Mutagenicity      No data available to indicate product or any 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      -Additional Information-  
                                  No other health hazard known

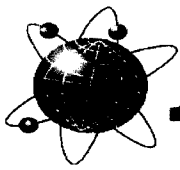
SECTION 12 – ECOLOGICAL INFORMATION

Freshwater Fish Toxicity      -Environmental Toxicity-  
                                  Not determined  
 Freshwater Invertebrates Toxicity      Not determined  
 Algal Inhibition      Not determined  
 Saltwater Fish Toxicity      Not determined  
 Bacteria Toxicity      Not determined  
 Miscellaneous Toxicity      Not determined  
  
 Biodegradation      -Environmental Fate-  
 Bioaccumulation      Adequate data is not available to estimate the biodegradation potential of his material  
 Soil Mobility      Less then 1.0% of the components display no potential to bio concentrate  
                                  Not determined

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal      This material, if discarded, is not a 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
DOT NAERG	Not applicable
TDG Bulk	Not regulated
TDG Non-Bulk	Not regulated
Mexico	Not regulated
Mexico None-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 one or more components that are not included on the Existing and New chemical substance list (SNCS). 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 Substance 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 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 Classification	

ACUTE HAZARD	NO
CHRONIC HAZARD	NO
FIRE HAZARD	NO
REACTIVITY HAZARD	NO

CERCLA Hazardous	None Known
FDA Approval	Not applicable

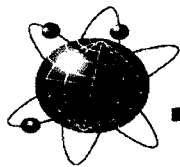
**-State Regulations-**

CAL. Prop. 65.	This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals
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**-Product Registration-**

U.S. Fuel Registration	Not Applicable
U.S. Dept Agriculture	This Product has not been filed with the USDA to support H2 Approvals
NSF Nonfood Compound	This product has been filed with the NSF to support H1 OR H2 Approvals

**SECTION 15 CONTINUED**



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Finnish Registration # Not registered  
Swedish Registration # Not registered  
Norwegian Registration # Not registered  
Danish Registration # Not registered  
Swiss Registration # Not registered  
Italian Registration # Not registered  
Korean Registration # Not registered

TDG Regulated Limit **Other/International**  
None Known

SECTION 16 – OTHER INFORMATION Continued.....

US NFPA CODES

HEALTH	FIRE	REACTIVITY	SPECIAL
0	1	0	N/E

HMIS CODES

HEALTH	FIRE	REACTIVITY
0	1	0

Precautionary Label This material has no known health hazards

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