



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](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

## MATERIAL SAFETY DATA SHEET

### Section 1 – Company and Product Identification

Issued by: JEEN International Corporation  
24 Madison Road  
Fairfield, NJ 07004  
Tel.# 973-439-1401

Chemtrec Emergency Tel#: 800-424-9300  
Chemtrec International Tel#: 703-527-3887 (Collect Calls Accepted)  
Issue Date: 11-07-95  
Supersedes: 4/15/93

Product Name: **JEECHEM CTG Kosher**  
Chemical Name: Glyceryl Tricaprate/caprylate; Tricaprin and tricaprylin  
CTFA/INCI Name: Caprylic/capric triglyceride  
Molecular Formula: Mixture  
CAS Number: See Section 2 – Chemical or Hazardous Components

### Section 2 – Chemical or Hazardous Components

Chemical Name	CAS No.	Weight-% appr	Exposure Limit
Glyceryl tricaprinate/tricaprylate	73398-61-5	95%	None established
Glyceryl tricaproate	621-70-5	5%	None established

### Section 3 – Potential Health Effects

Primary routes of entry:

Skin Contact: X      Eye Contact: X      Inhalation:      Ingestion:

Effects of Overexposure: No information found for human overexposure. Based on animal test data for similar material (s) the following effect(s) can be anticipated: Direct or prolonged eye or skin contact may produce mild irritation.

Overexposure may aggravate:  
existing conditions: No effects indicated.

Material listed as carcinogen:  
National Toxicology Program: No  
I.A.R.C. Monographs: No  
O.S.H.A.: No

### Section 4 – First Aid Measures

Skin Contact: For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops.

Eye Contact: For eye contact, flush eyes with plenty of water for several minutes. Seek medical attention if irritation develops.

Inhalation: If significant quantities are inhaled, remove from area to fresh air. Seek medical attention if discomfort or other symptoms develop.

Ingestion: If swallowed, rinse out mouth and drink 2-3 glasses of water. Seek medical attention if discomfort or other symptoms develop.

Medical Treatment: If symptoms appear, contact a physician for medical treatment.

### Section 5 – Fire and Explosion Information

Flash Point: 238°C Pensky-Martens c.c. DIN 51758  
Decomposition temperature: Not known  
Self Ignition: Not known  
Lower explosion limit: Not applicable  
Upper explosion limit: Not applicable  
Extinguishing media  
To be used: Water  
Carbon Dioxide  
Foam  
Dry Chemical



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](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

Special Fire Fighting Procedures: Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray. Treat as hot oil or fat. If water must be used, use fog nozzle to avoid splattering of hot material and spread of burning liquid.

Unusual Fire and Explosion Hazards: Products of combustion are toxic.

#### Section 6 – Accidental Release Measures

---

Measures after spillage/leakage/release:

CAUTION! If spilled, floors may become slippery. Wear appropriate protective gear and NIOSH/MSHA approved respirator where mists or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.). Transfer the solid and liquid to separate containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

#### Section 7 – Handling And Storage

---

Precautions for storage and handling: To maintain product quality, do not store in heat or direct sunlight. Keep containers closed until used.

#### Section 8 – Exposure Controls/Personal Protection

---

Ventilation: If mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

Respiratory protection: In processes where mists or vapors are generated, a NIOSH/MSHA approved respirator is advised in the absence of proper environmental controls or if TWA/TLV is exceeded.

Protective gloves: Use rubber or neoprene gloves to prevent skin contact.

Eye protection: Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.

Other protective equipment: Eye wash; safety shower; protective clothing (long sleeves, coveralls or other), to prevent skin contact.

#### Section 9 – Physical And Chemical Properties

---

Form: Liquid  
Color: Colorless  
Odor: Mild  
Changes of physical state  
Melting point: -1°C  
Boiling point: Not known  
Density: 0.94 at 25°C  
Bulk density: Not applicable  
Vapor pressure: Not applicable  
Relative vapor density (air=1): Not applicable  
Max. percent volatile: Nil  
Evaporation rate (Butyl acetate=1): Not known  
Viscosity: Not known  
Water solubility: Insoluble  
pH-value: Not known



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](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

#### Section 10 – Stability and Reactivity

---

##### Stability:

Stable	( x )	Unstable	( x )
Conditions to avoid:	None known		

Hazardous decomposition products: Toxic organic vapors/fumes oxides of carbon

Dangerous polymerization: No  
Conditions to avoid: None known

Dangerous incompatibility with water: No

##### ( Dangerous ) Reactions/Incompatibility with:

Strong oxidizing agents  
Strong acids  
Strong bases

#### Section 11 – Toxicology Information

---

Acute oral toxicity (LD50): rat: > 5000 mg/kg  
No information found for this material. This information is for the closely related product, Aldo TC.

Skin irritation: rabbit: mild irritant  
For closely related product, Aldo TC: primary irritation index = 1.9

Eye irritation: rabbit: mild irritant  
For closely related product, Aldo TC: primary irritation index = 6.0; cleared by day 2, post dose

#### Section 12 – Ecotoxicology Information

---

No Information Available

#### Section 13 – Disposal Considerations

---

Disposal of Product: Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

Packaging: Non-contaminated packaging may be reused.

#### Section 14 – Transportation

---

DOT hazard class: Non-hazardous  
Bulk only: No  
Bulk only: No  
Proper Shipping Name: Not regulated  
UN / NA No.: None  
DOT label (s): None  
Further information: None

#### Section 15 – Regulatory Information

---

Directions for use: FOR MANUFACTURING USE ONLY

##### FEDERAL LEVEL REGULATIONS:

Toxic Substances Control Act (TSCA) Inventory

This product is currently listed on the EPA TSCA 8 (b) inventory list.

##### US FDA REGULATION ON FOODS (Substance List)

A petition for GRAS affirmation of an ingredient which includes Glyceryl tricaprato/caprylate has been accepted by the FDA for review, and this material is currently being used in confectionery foods. FDA regulations permit the use of ingredients in foods during their GRAS affirmation review.



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](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

#### CERCLA

(Comprehensive Environmental Response, Compensation, and Liability Act of 1980). Requires notification to the National Response Center (1-800-424-8802) of release of quantities of Hazardous Substances equal to or greater than the Reportable Quantities (RQs) in 40 CFR 302.4. The following components could require reporting:

\*\*\* none \*\*\*

#### SARA Title III: Sections 302/304

(Superfund Amendments and Reauthorization Act of 1986). Requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355. Components present in this product at a level which could require reporting under the statute are:

\*\*\* none \*\*\*

#### SARA Title III: Sections 311/312

(Superfund Amendments and Reauthorization Act of 1986). Requires reporting under the Community Right-to-Know provisions due to their inclusion in one of the five hazard categories listed in 40 CFR 370. Components present in this product which could require reporting under the statute are:

\*\*\* none \*\*\*

#### Section 15 – Regulatory Information Continued...

---

#### SARA Title III: Section 313

(Superfund Amendments and Reauthorization Act of 1986). Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are:

\*\*\* none \*\*\*

#### TSCA Section 12 (b) Annual Export Notification Substances

Components present in this product which, if exported, could require reporting under this regulation are as follows:

\*\*\* none \*\*\*

#### TSCA Section 12 (b) One-time Export Notification Substances

Components present in this product which, if exported, could require reporting under this regulation are as follows:

\*\*\* none \*\*\*

#### STATE RIGHT-TO-KNOW REGULATIONS:

##### CALIFORNIA Proposition 65

Substances, which the state of California has found to cause cancer, birth defects or other reproductive harm, must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

\*\*\* none \*\*\*

##### MASSACHUSETTS RIGHT-TO-KNOW Substance List (MSL)

Hazardous and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

\*\*\* none \*\*\*

##### MICHIGAN CRITICAL MATERIALS

This product contains the following substances identified on the Michigan Critical Materials Register:

\*\*\* none \*\*\*

##### NEW-JERSEY RIGHT-TO-KNOW Substance List

Requires Hazardous Substances and Specially Hazardous Substances on the list to be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

\*\*\* none \*\*\*

##### PENNSYLVANIA RIGHT-TO-KNOW Hazardous Substance List

Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

\*\*\* none \*\*\*

#### Section 16 – Further Information

---

No further information available.

---

The information provided herein is compiled from internal reports and data from professional publications. IT IS FURNISHED WITHOUT WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. It is intended to assist in evaluating the suitability and proper use of the material in manufacturing and in the development and implementation of safety precautions and procedures.