

# MATERIAL SAFETY DATA SHEET



**Date-Issued:** 04/12/2004  
**MSDS Ref. No:** 04-300EP-01  
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**Revision No:** New MSDS

## Captex 300 EP

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Captex 300 EP  
**GENERAL USE:** For general information or product stewardship call 608-752-9007.  
**PRODUCT DESCRIPTION:** Triglycerides of caprylic/capric acid  
**PRODUCT CODE:** 300EP-01  
**PRODUCT FORMULATION NAME:** Captex 300  
**CHEMICAL FAMILY:** Triglyceride

#### MANUFACTURER

ABITEC Corporation  
 1530 South Jackson Street  
 Janesville, WI 53546  
**Product Stewardship:** 608-752-9007

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (U.S.):** (800) 424-9300  
**CANUTEC:** (613) 996-6666  
**International Emergency Phone:** Call Collect (703) 5 27-3887  
**Emergency Phone:** 608-752-9007

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Triglycerides of caprylic/capric acid	100	65381-09-1	265-724-3

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Colorless to light yellow odorless liquid.

**IMMEDIATE CONCERNS:** None

#### POTENTIAL HEALTH EFFECTS

**EYES:** Slightly irritating to the eyes.

**SKIN:** Not Established

**SKIN ABSORPTION:** Not Expected

**INGESTION:** May cause gastrointestinal discomfort.

**INHALATION:** Vegetable oil mists are classified as "nuisance particulates" by OSHA and the American Conference of Governmental Industrial Hygienists (no health effects reported).

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Slightly irritating to the eyes.

**SKIN:** None Expected.

**SKIN ABSORPTION:** No data available.

**INGESTION:** May cause gastrointestinal discomfort.

**INHALATION:** Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

**ACUTE TOXICITY:** No data available.

**CHRONIC:** No data available.

**CARCINOGENICITY:** None Expected.

**MUTAGENICITY:** None Expected.

#### **REPRODUCTIVE TOXICITY**

**REPRODUCTIVE EFFECTS:** None Expected.

**TERATOGENIC EFFECTS:** None Expected.

**MEDICAL CONDITIONS AGGRAVATED:** No data available.

**ROUTES OF ENTRY:** Material in vapor form may enter the respiratory tract through inhalation. Material in liquid form is not likely to enter the body through the skin or eyes.

**TARGET ORGAN STATEMENT:** None

**CANCER STATEMENT:** None

**IRRITANCY:** At elevated temperatures may cause irritation of the eyes and respiratory tract.

**SENSITIZATION:** Not Expected

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#### **4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Wash with soap and water. Wash affected area with water for at least 15 minutes.

**INGESTION:** If gastrointestinal discomfort is encountered, contact a physician.

**INHALATION:** Remove to fresh air.

**ANTIDOTES:** No data available.

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#### **5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** (480°F)COC (Cleveland Open Cup)

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam or sand/earth

**HAZARDOUS COMBUSTION PRODUCTS:** No data available.

**FIRE FIGHTING PROCEDURES:** Material will not burn without outside heat source. After flames are suppressed, remove any outside heat source. Treat as fat or oil fire. Do not use heavy stream of water. Fatty material will float and splatter surrounding area.

**AUTOIGNITION TEMPERATURE:** No data available.

**FLAMMABLE LIMIT:** No data available.

**FIRE EXPLOSION:** Combustible Liquid. Can form flammable mixtures at temperatures at or above the flash point.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and Carbon dioxide

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#### **6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Stop spill at source, dike area of spill to prevent spreading. Absorb liquid on solid absorbent material and shovel into containers. Wash floors with detergent and rinse with hot water to prevent slipping.

**LARGE SPILL:** Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into containers. Prevent run-off to sewers, streams or other bodies of water. Wash floors with hot soapy water and rinse with hot water to prevent slipping.

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**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**LAND SPILL:** Soak up with absorbent. Shovel up and place in a waste container.

**AIR SPILL:** None

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**7. HANDLING AND STORAGE**

**HANDLING:** Material may be hot. Take precautions against thermal burns.

**STORAGE:** Keep away from heat and flame. Keep container closed when not in use. Store in a dry area. Stainless steel storage tanks are recommended. Lined or unlined mild steel drums are suitable.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear goggles for hot material.

**SKIN:** Wear neoprene or lined pvc gloves for hot material.

**RESPIRATORY:** No special ventilation requirements.

**PROTECTIVE CLOTHING:** Rubber boots and apron should be worn for hot material. Work uniform or tyvek suit should be adequate protection when working with ambient materials.

**WORK HYGIENIC PRACTICES:** Remove clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling this product or clothing containing residual.

**OTHER USE PRECAUTIONS:** Use adequate protection against incidental contact with hot material.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** None

**APPEARANCE:** Colorless to light colorless liquid.

**COLOR:** Colorless to light colorless liquid.

**pH:** Not Available

**PERCENT VOLATILE:** Not Available

**VAPOR PRESSURE:** Negligible

**VAPOR DENSITY:** Heavier

**BOILING POINT:** >500 F

**FREEZING POINT:** Not Available

**MELTING POINT:** Not Available

**POUR POINT:** Not available

**SOLUBILITY IN WATER:** Insoluble

**EVAPORATION RATE:** Nil

**DENSITY:** Not Determined

**SPECIFIC GRAVITY:** 0.95 @ 25°C

**VISCOSITY:** 23CST at (77°F)

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**10. STABILITY AND REACTIVITY**

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Keep away from temperatures near the flash point. Store away from heat or direct sunlight.

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**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and Carbon dioxide.

**INCOMPATIBLE MATERIALS:** Oxidizers

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**EYES:** Not known

**DERMAL LD<sub>50</sub>:** Not known

**SKIN ABSORPTION:** Not known

**ORAL LD<sub>50</sub>:** >34000 mg/kg (rat)  
>23500 mg/kg mice

**INHALATION LC<sub>50</sub>:** Not known

None Expected.

**EYE EFFECTS:** Human Mucous Membranes (undiluted samples) = No eye irritation

**SKIN EFFECTS:** Draize Skin Test = No or slight irritation potential.

Buehler Sensitization = No reaction.

Human Skin Patch Tests (undiluted samples) = No perceptible skin irritation.

**SENSITIZATION:** None Expected.

**TARGET ORGANS:** None known.

### SUBCHRONIC:

None known.

None known.

### CARCINOGENICITY:

**IARC:** Not listed

**NTP:** Not listed

**OSHA:** Not listed

**MUTAGENICITY:** None known.

**REPRODUCTIVE EFFECTS:** None known.

**NEUROTOXICITY:** None known.

**TERATOGENIC EFFECTS:** None known.

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Prevent liquid from entering bodies of water.

**ECOTOXICOLOGICAL INFORMATION:** No data available.

**CHEMICAL FATE INFORMATION:** Biodegradable

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. Treat using the best available techniques before discharge into drains or the aquatic environment. Use appropriate container to avoid environmental contamination.

**FOR LARGE SPILLS:** Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into waste container. Prevent run-off to sewers, streams or other bodies of water. Wash floors with detergent and rinse with hot water to prevent slipping.

**PRODUCT DISPOSAL:** Place waste in waste container and dispose in accordance with federal, state and local regulations. Obtain the consent of the local publically-owned treatment works before discharging waste to a publically-owned treatment facility.

**EMPTY CONTAINER:** Remove product residue and dispose of container at an approved waste handling facility.

**RCRA/EPA WASTE INFORMATION:** This material as a waste does not meet the federal definition of hazardous waste. State and local waste regulations should be reviewed as their rules regarding hazardous waste may be more stringent than the federal rules.

**RCRA HAZARD CLASS:** None

**GENERAL COMMENTS:** It is the responsibility of the user of this product to characterize wastes generated to determine if the waste meets the definition of hazardous waste.

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## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated  
**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated  
**MARINE POLLUTANT #1:** Not considered a marine pollutant

### CANADA TRANSPORT OF DANGEROUS GOODS

**PROPER SHIPPING NAME:** Not Regulated  
**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated

### AIR (ICAO/IATA)

**TECHNICAL NAME:** Not Regulated  
**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated

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## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** None  
**FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO**

**313 REPORTABLE INGREDIENTS:** None

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** NA = Not Applicable

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** NA = Not Applicable

### EPA

**EPA RQ INGREDIENT:** None

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** This product or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

**RCRA STATUS:** Not regulated as hazardous waste.

**OSHA HAZARD COMM. RULE:** NA = Not Applicable

**CLEAN WATER ACT:** Oils may be regulated under EPA's Oil Pollution Control Act. Users may be required to have a SPCC Plan for their facility.

**NATIONAL RESPONSE CENTER:** No data available.

**CARCINOGEN:** NA = Not Applicable

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** NA = Not Applicable

**SDWA (SAFE DRINKING WATER ACT):** No data available.

**DEA (DRUG ENFORCEMENT PRECURSOR & ESSENTIAL CHEMICALS) LISTED SUBSTANCE:** NA = Not Applicable

**CLEAN AIR ACT**

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** NA = Not Applicable

**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)**

**29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** NA = Not Applicable

**CALIFORNIA PROPOSITION 65:** NA = Not Applicable

**16. OTHER INFORMATION**

**REASON FOR ISSUE:** New

**APPROVED BY:** Health, Safety and Environmental Department

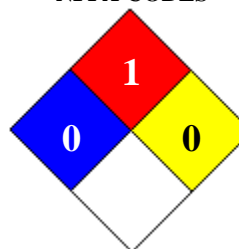
**PREPARED BY:** Health, Safety and Environmental Department

**REVISION SUMMARY** New MSDS

**HMIS RATING**

<b>HEALTH:</b>		<b>0</b>
<b>FLAMMABILITY:</b>		<b>1</b>
<b>PHYSICAL HAZARD:</b>		<b>0</b>
<b>PERSONAL PROTECTION:</b>		

**NFPA CODES**



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