

MATERIAL SAFETY DATA SHEET



Date-Issued: 07/19/2005
MSDS Ref. No: 05-8503-00
Revision No: New MSDS

Captex 8000

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Captex 8000
PRODUCT DESCRIPTION: Triglycerides of caprylic acid
PRODUCT CODE: 8503
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 Call Collect: (703) 527-3887
 Emergency Phone: (608) 752-9007

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Glycerol tricaprylate			538-23-8

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Colorless to yellow liquid.

IMMEDIATE CONCERNS: Poses little or no immediate hazard.

POTENTIAL HEALTH EFFECTS

EYES: Not expected to cause serious irritation.

SKIN: No evidence of adverse effects from available information.

SKIN ABSORPTION: Not expected

INGESTION: May cause gastrointestinal discomfort if ingested in large quantities.

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: Slight irritation to eyes.

SKIN: May cause slight skin irritation.

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.

CHRONIC: Not expected to cause adverse chronic effects.

ROUTES OF ENTRY: Not expected.

TARGET ORGAN STATEMENT: None.

IRRITANCY: May cause irritation of the eyes and respiratory tract at elevated temperatures.

SENSITIZATION: Not expected.

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.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (475°F)COC (Cleveland Open Cup)

AUTOIGNITION TEMPERATURE: Not determined.

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, Carbon dioxide.

FIRE FIGHTING PROCEDURES: If the product is involved with fire, extinguish with waterspray, dry chemical or alcohol foam. Keep containers cool by spraying with water if exposed to fire.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

FLAMMABLE LIMIT: Not determined.

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.

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.

SPECIAL PROTECTIVE EQUIPMENT: Wear neoprene gloves for chemical protection, and PVC lined gloves for thermal protection if material is heated. Goggles and suitable rubber boots should also be worn.

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.

STORAGE TEMPERATURE: Ambient.

STORAGE PRESSURE: Not determined.

SHELF LIFE: Retest and requalify 18 months from date of manufacture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles are recommended.

SKIN: Wear neoprene or lined PVC gloves for hot material.

RESPIRATORY: In the presence of mists or dusts, the use of a NIOSH/OSHA approved mask and/or respirator is

recommended.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Odorless.

APPEARANCE: Colorless to light yellow liquid.

pH: Not determined.

PERCENT VOLATILE: Not determined.

VAPOR PRESSURE: < 1 mmHg at 25°C

VAPOR DENSITY: > 1 (Air = 1)

BOILING POINT: > (500°F)

FREEZING POINT: Not determined.

MELTING POINT: Not determined.

POUR POINT: Not determined.

SOLUBILITY IN WATER: Insoluble.

EVAPORATION RATE: Nil.

SPECIFIC GRAVITY: 0.94 at (77°F)

VISCOSITY: 20.9 Centistokes at (77°F)

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.

POLYMERIZATION: Product will not undergo polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and Carbon dioxide.

INCOMPATIBLE MATERIALS: Oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Not known.

DERMAL LD₅₀: Not known.

SKIN ABSORPTION: Not known.

ORAL LD₅₀: 33300 mg/kg (rats).

INHALATION LC₅₀: Not known.

SENSITIZATION: Not expected.

TARGET ORGANS: None.

CARCINOGENICITY:

IARC: Not listed.

NTP: Not listed.

OSHA: Not listed.

MUTAGENICITY: No data available.

REPRODUCTIVE EFFECTS: No data available.

NEUROTOXICITY: No data available.

TERATOGENIC EFFECTS: No data available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Prevent liquid from entering bodies of water.

CHEMICAL FATE INFORMATION: No data available.

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.

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)

PROPER SHIPPING NAME: Not regulated.

PRIMARY HAZARD CLASS/DIVISION: Not regulated.

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: Not applicable.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: 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.

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.

CARCINOGEN: This product has not been found to be carcinogen or potential carcinogen by IARC; it is not listed in the NTP Third Annual Report; nor is it regulated by OSHA as a carcinogen.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): Not applicable.

DEA (DRUG ENFORCEMENT PRECURSOR & ESSENTIAL CHEMICALS) LISTED SUBSTANCE: Not applicable.

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: Not applicable.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Not applicable.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): Found on Domestic Substances List of Canada.

CALIFORNIA PROPOSITION 65: Not known to contain any listed Proposition 65 chemicals.

16. OTHER INFORMATION

APPROVED BY: Safety & Environmental Department

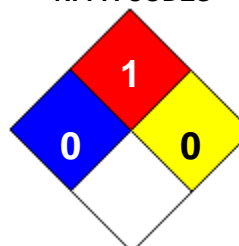
PREPARED BY: Safety & Environmental Department

REVISION SUMMARY This MSDS replaces the March 9, 2001 MSDS.

HMIS RATING

HEALTH:		0
FLAMMABILITY:		1
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		

NFPA CODES



HMIS RATINGS NOTES: Refer to MSDS for appropriate Personal Protective Equipment (PPE).

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