



# Safety Data Sheet

## Caprol® ET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

- 1.1 Product Identifier**  
**Trade Name:** Caprol® ET  
**Product Code:** 8152
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**  
**Product Use:** Food Applications
- 1.3 Details of the Supplier of the Safety Data Sheet**  
**Manufacturer:** ABITEC Corporation  
1530 South Jackson Street  
Janesville, WI 53546  
**Information Phone Number:** Product Stewardship: 608-752-9007  
**E-mail:** SDS@abiteccorp.com
- 1.4 Emergency Telephone Number**  
**Emergency Spill Information** CHEMTREC (800) 424-9300  
International Call Collect: (703) 527-3887

SDS Date of Preparation: March 11, 2015

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the Substance or Mixture

**US Hazard Classification (29CFR 1910.1200-2012):** This product is not classified as hazardous in accordance with the OSHA Hazard Communication Standard.

**GHS / EU CLP Classification (No 1272/2008):** Not classified as a hazardous substance.

#### 2.2 Label Elements

No labeling required

#### 2.3 Other Hazards

None.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Chemical Name	CAS#	EINECS#	EU Classification (67/548/EEC) GHS/CLP Classification	%
C12,C16,C18 & C18.1 acid esters of hexaglycerol	67784-82-1	Not Listed	Not classified as hazardous	100

See Section 16 for further information on EU and GHS Classification.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

**Eye:** Flush with large quantities of water. Obtain medical attention if irritation persists.

**Skin:** Wash with soap and water. Get medical attention if irritation develops.

**Inhalation:** Remove victim to fresh air. Get medical attention if irritation persists.

**Ingestion:** No first aid should be required. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if large amount is swallowed.



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- 4.2 Most Important symptoms and effects, both acute and delayed:**  
Poses little or no health hazard.
- 4.3 Indication of any immediate medical attention and special treatment needed:** None required.

### SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:**  
Use water fog or spray, foam, carbon dioxide, dry chemical or sand/earth.
- 5.2 Special Hazards Arising from the Substance or Mixture**  
**Unusual Fire and Explosion Hazards:**  
Not considered flammable, but is combustible.  
**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide.
- 5.3 Special Protective Actions for Fire-Fighters:**  
**Special 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.  
**Fire Fighting Equipment:** As in any fire, wear positive pressure, self-contained breathing apparatus and full protective gear.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**  
Wear appropriate protective equipment.
- 6.2 Environmental Precautions:**  
Prevent run-off to sewers, streams or other bodies of water. Report spills and releases as required to appropriate authorities.
- 6.3 Methods and Material for Containment and Cleaning Up:**  
**Small Spill:** Stop spill at source, dike area of spill to prevent spreading. Absorb liquid on solid absorbent material and place in a disposal container. Wash area with hot soapy water.  
**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.
- 6.4 Reference to Other Sections:**  
Refer to Section 8 for protective equipment. Refer to Section 13 for disposal guidance.

### SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**  
Avoid contact with the eyes, skin and clothing. Avoid creating and breathing mists. Wash thoroughly after handling. Keep containers closed when not in use.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities:**  
Store in a dry area. Keep containers closed when not in use. Store at ambient temperatures.
- 7.3 Specific end use(s):**  
None identified



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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control Parameters:

Chemical Name	Exposure Limits
C12,C16,C18 & C18.1 acid esters of hexaglycerol (as oil mist)	5 mg/m <sup>3</sup> TWA OSHA PEL 5 mg/m <sup>3</sup> TWA UK WEL, 10 mg/m <sup>3</sup> STEL

#### 8.2 Exposure Controls:

**Engineering Controls:** None needed under normal use.

**Eye and Face:** None needed under normal use. Chemical safety goggles recommended.

**Skin:** None needed under normal use. Neoprene gloves for hot oil recommended.

**Respiratory:** None needed under normal use.

**Protective Clothing:** Wear thermally protective clothing and gloves when working with hot material.

**Work Hygienic Practices:** Remove contaminated clothing and launder before reuse. Wash hands with soap and water after handling product, or clothing containing residual material.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic Physical and Chemical Properties:

<b>Physical State:</b> Liquid	<b>Appearance:</b> Tan to brown paste at room temperature
<b>Odor:</b> Mild soapy odor	<b>Odor Threshold:</b> Not determined
<b>pH:</b> Not determined	<b>Specific Gravity:</b> 0.93
<b>Boiling Point:</b> > (500°F)	<b>Melting Point:</b> (91°F)
<b>Vapor Pressure:</b> < 1 mmHg at 25°C (77°F)	<b>Water Solubility:</b> Insoluble
<b>Vapor Density:</b> >1 (air = 1)	<b>Evaporation Rate:</b> Nil
<b>Viscosity:</b> Not determined	<b>Pour Point:</b> Not determined
<b>Flash Point:</b> > (500°F) COC (Cleveland Open Cup)	<b>Flammable Limits: LEL:</b> Not determined
<b>Autoignition Temperature:</b> Not determined	<b>Flammable Limits: UEL:</b> Not determined
<b>Percent Volatile:</b> Not determined	<b>Flammability (solid/gas):</b> Not determined
<b>Partition Coefficient: n-octanol/water:</b> Not determined	<b>Decomposition Temperature:</b> Not determined
<b>Explosive Properties:</b> Not explosive	<b>Oxidizing Properties:</b> Not an oxidizer

#### 9.2 Other Information:

None

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

Not reactive.

#### 10.2 Chemical Stability:

Stable.

#### 10.3 Possibility of Hazardous Reactions:

None expected.

#### 10.4 Conditions to Avoid:

Keep away from temperatures near the flash point. Store away from heat or direct sunlight.

#### 10.5 Incompatible Materials:

Avoid strong oxidizers.

#### 10.6 Hazardous Decomposition Products:

Carbon monoxide. Carbon dioxide.



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### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on Toxicological Effects:

**Eye:** May cause mild irritation.

**Skin:** Prolonged skin contact may cause mild irritation.

**Skin Absorption:** No evidence of adverse effects from available information.

**Ingestion:** May cause gastrointestinal discomfort if ingested in large quantities.

**Inhalation:** No adverse effects expected.

**Chronic Toxicity:** No adverse effects expected.

#### Acute Toxicity Data:

No data available

**Irritation:** This product is not expected to cause irritation.

**Corrosivity:** This product is not a corrosive material.

**Sensitization:** No data available. Not expected to cause sensitization.

**Repeat Dose Toxicity:** No data available. No adverse effects are expected.

**Carcinogen Status:** No data available. None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU CLP.

**Mutagenicity:** No data available. This product is not expected to present a mutagenic hazard.

**Toxicity for Reproduction** No specific data is available. Not expected to be hazardous to reproduction or to the unborn child.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity:

No data is available.

#### 12.2 Persistence and Degradability:

No data is available.

#### 12.3 Bioaccumulative Potential:

No data is available.

#### 12.4 Mobility in Soil:

No data available.

#### 12.5 Results of PBT and vPvB Assessment:

Not required.

#### 12.6 Other Adverse Effects:

None known

### SECTION 13: DISPOSAL INFORMATION

#### 13.1 Waste Treatment Methods

**Disposal Method:** 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.

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

**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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### SECTION 14: TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	None	Not regulated	None	None	Not applicable
EU ADR/RID	None	Not regulated	None	None	Not applicable
IMDG	None	Not regulated	None	None	Not applicable
IATA	None	Not regulated	None	None	Not applicable

#### 14.6 Special Precautions for User:

None

#### 14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not determined

### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

##### US Regulations:

**EPA SARA 311/312 Hazard Classification:** Not Hazardous

**EPA SARA 313:** This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**Protection Of Stratospheric Ozone:** This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

**CERCLA Section 103:** This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**California Proposition 65:** This does not contain any chemicals that are regulated under Proposition 65.

##### Canadian Regulations:

**Canadian WHMIS:** Not a controlled product.

This product has been classified in accordance with the hazard criteria in the CPR and the SDS contains all the information required by the CPR.

##### Chemical Inventories:

**US TSCA:** All of the components are listed on the Toxic Substances Control Act (TSCA) Inventory.

#### 15.2 Chemical Safety Assessment:

Not required

### SECTION 16: OTHER INFORMATION

NFPA RATING (NFPA 704) - FIRE: 1      HEALTH: 0      INSTABILITY: 0

#### EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

None.

**SDS Date of Preparation/Revision:** March 11, 2015

**Revision History:** Updated format

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