

MATERIAL SAFETY DATA SHEET



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MSDS No: 05-8140-00
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Revision No: 2

Caprol 3GO

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Caprol 3GO
PRODUCT DESCRIPTION: Triglycerol monooleate
PRODUCT CODE: 8140
CHEMICAL FAMILY: Polyglycerol ester
GENERIC NAME: Polyglycerol-3 Oleate

MANUFACTURER

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

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
 CANUTEC: (613) 996-6666
 International Call Collect: (703) 527-3887

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Amber liquid.
IMMEDIATE CONCERNS: Poses little or no immediate hazard.

POTENTIAL HEALTH EFFECTS

EYES: Not expected to cause serious irritation.
SKIN: Not expected to cause serious irritation.
SKIN ABSORPTION: Not expected.
INGESTION: No evidence of adverse effects from available information.
INHALATION: Heated material may generate vapors that could be slightly irritating.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Not an irritant, but exposure to dusts or mist may cause some discomfort.
SKIN: No adverse symptoms expected.
INGESTION: No adverse symptoms expected.
INHALATION: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
ACUTE TOXICITY: Not expected.
CHRONIC EFFECTS: Not expected.

CARCINOGENICITY: Not listed.

MUTAGENICITY: Not expected.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: Not expected.

TERATOGENIC EFFECTS: Not expected.

MEDICAL CONDITIONS AGGRAVATED: Not expected.

ROUTES OF ENTRY: Not expected.

TARGET ORGAN STATEMENT: Not expected.

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

SENSITIZATION: Not expected.

PHYSICAL HAZARDS: May cause thermal burns to skin if material is heated to elevated temperatures.

COMMENTS: This product is not classified as dangerous according to 67/548/EEC as amended.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt. % | CAS | EINECS | Classification |
|---------------------------------|-------|-------------|-----------|-----------------------------|
| Triglycerol monooleate | 100 | 033940-98-6 | 251-749-7 | Not classified as dangerous |
| Polyglycerol-3 Oleate (Generic) | 0 | 9007-48-1 | | |

4. FIRST AID MEASURES

EYES: Immediately flush with large quantities of water for at least 15 minutes and contact a physician.

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

INGESTION: Do not induce vomiting. Obtain medical attention.

INHALATION: Remove to fresh air.

NOTES TO PHYSICIAN: None.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not determined.

FLAMMABLE LIMITS:

Notes: Not determined.

FLAMMABLE CLASS: Not considered flammable, but is combustible.

EXTINGUISHING MEDIA: Dry chemical or waterspray or water fog, carbon dioxide, foam or sand/earth.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, Carbon dioxide.

EXPLOSION HAZARDS: None.

FIRE FIGHTING PROCEDURES: 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 self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

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.

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: Not applicable.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid mist formation. Avoid contact with eyes.

HANDLING: Keep away from heat, sparks and flame. Wear recommended personal protective equipment. Never use pressure to empty drums.

STORAGE: Keep container closed when not in use. Store in a dry area away from heat or sparks. Maintain good ventilation around containers.

STORAGE TEMPERATURE: (68°F) Minimum to (77°F) Maximum

Notes: Ambient.

SHELF LIFE: Retest and requalify one year 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: ANSI-Z87 approved safety glasses should be adequate protection for materials at room temperature. Wear goggles for hot material.

SKIN: Neoprene or PVC lined gloves.

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

PROTECTIVE CLOTHING: Wear a work uniform or tyvek suit to provide protection from dust or particulate matter.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Slight caramel odor.

APPEARANCE: Amber liquid.

pH: Not determined.

PERCENT VOLATILE: Not determined.

VAPOR PRESSURE: &l 1 mmHg at 25°C

VAPOR DENSITY: &g 1 (Air = 1)

BOILING POINT: Not determined.

FREEZING POINT: Not determined.

MELTING POINT: Not determined.

POUR POINT: Not determined.

FLASHPOINT AND METHOD: Not determined.

SOLUBILITY IN WATER: Slightly soluble, slowly hydrolyzes.

EVAPORATION RATE: Nil.

SPECIFIC GRAVITY: Not determined.

VISCOSITY: Not determined.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions.

POLYMERIZATION: Not likely to occur.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and Carbon dioxide.

INCOMPATIBLE MATERIALS: Oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀:

Notes: No data available.

ORAL LD₅₀:

Notes: No data available.

INHALATION LC₅₀:

Notes: No data available.

EYE EFFECTS: Not expected to irritate eyes.

SKIN EFFECTS: Not expected to irritate the skin.

SENSITIZATION: Not expected.

REPRODUCTIVE EFFECTS: No data available.

TARGET ORGANS: None.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Prevent liquid from entering bodies of water.

ECOTOXICOLOGICAL INFORMATION: Expected to be biodegradable. Not expected to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose according to federal, state, and local regulations. Use only licensed waste haulers and disposal contractors. Do not dispose of by means of sinks, drains, or in the immediate environment.

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: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

RCRA HAZARD CLASS: Non-hazardous.

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: No data available.

AIR (ICAO/IATA)

SHIPPING NAME: Not regulated.

PRIMARY HAZARD CLASS/DIVISION: Not regulated.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not regulated.

PRIMARY HAZARD CLASS/DIVISION: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

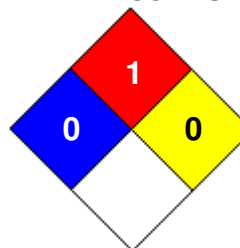
313 REPORTABLE INGREDIENTS: None.

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.**CLEAN AIR ACT****40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** Not applicable.**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)****29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** Not applicable.**REGULATIONS****STATE REGULATIONS** None known.**CALIFORNIA PROPOSITION 65:** Not applicable.**RCRA STATUS:** Not regulated as hazardous waste.**CLEAN WATER ACT:** Not applicable.**NATIONAL RESPONSE CENTER:** Oil spills to navigable waterways may be reportable.**SDWA (SAFE DRINKING WATER ACT):** Not applicable.**DEA (DRUG ENFORCEMENT PRECURSOR & ESSENTIAL CHEMICALS) LISTED SUBSTANCE:** Not applicable.**EUROPEAN COMMUNITY****EEC LABEL SYMBOL AND CLASSIFICATION****EUROPEAN COMMUNITY REGULATORY:** Product ingredients are on EINECS (European Union) inventory.**16. OTHER INFORMATION****APPROVED BY:** Safety & Environmental Department**PREPARED BY:** Safety & Environmental Department**REVISION SUMMARY:** Supersedes MSDS Revision 1 Dated 7/10/2007. Added EU classification. Added both generic and specific CAS# designations to Section 3. Reordered Sections 2 and 3 for REACH compliance.**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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