

MATERIAL SAFETY DATA SHEET



Date-Issued: 03/07/2006
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Revision No: New MSDS

Capmul GMO-50 EP/NF

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Capmul GMO-50 EP/NF
GENERAL USE: For general information or product stewardship call 608-752-9007.
PRODUCT DESCRIPTION: Mono/di-glyceride
PRODUCT CODE: 8215
CHEMICAL FAMILY: Mono/di-glyceride

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 mono/di-oleate			25496-72-4

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Opaque liquid
IMMEDIATE CONCERNS: None expected.

POTENTIAL HEALTH EFFECTS

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Slight irritation to eyes.
SKIN: No adverse symptoms expected.
SKIN ABSORPTION: No data available.
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 available
CHRONIC: No data available.
CARCINOGENICITY: None Expected.
MUTAGENICITY: NA = Not Applicable

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: NA = Not Applicable

TERATOGENIC EFFECTS: None Expected.

MEDICAL CONDITIONS AGGRAVATED: No data available.

ROUTES OF ENTRY: Eye contact, skin contact, inhalation, ingestion.

TARGET ORGAN STATEMENT: NA = Not Applicable

CANCER STATEMENT: NA = Not Applicable

IRRITANCY: Contact with skin or eyes may cause slight irritation.

SENSITIZATION: NA = Not Applicable

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

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes. If irritation persists, get medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do not induce vomiting. Obtain medical attention.

INHALATION: Remove to fresh air. Get medical help if needed.

NOTES TO PHYSICIAN: None

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > (200°F)

FLAMMABLE CLASS: Not considered flammable, but is combustible.

EXTINGUISHING MEDIA: Extinguish fire using foam, carbon dioxide or inert powder.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, Carbon dioxide.

FIRE FIGHTING PROCEDURES: Treat as fat or oil fire. Do not use heavy stream of water. Fatty material will float and splatter surrounding area.

FLASHPOINT: Combustible Liquid. Can form flammable mixtures at temperatures at or above the flash point.

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb the liquid and scrub the area with detergent and 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: Shovel or sweep up and place in a waste container.

7. HANDLING AND STORAGE

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

HANDLING: Avoid contact with eyes, skin, and clothing.

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: Ambient.

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 gloves.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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 good chemical hygiene practices when handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Odorless

COLOR: Opaque

pH: No data available.

PERCENT VOLATILE: No data available.

VAPOR PRESSURE: < 1 mmHg at 25°C

VAPOR DENSITY: > 1 (Air=1)

BOILING POINT: No data available.

MELTING POINT: (68°F)

POUR POINT: No data available.

SOLUBILITY IN WATER: Insoluble.

SPECIFIC GRAVITY: 0.94 (Water=1) at (120°F)

VISCOSITY: 44.8

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Keep away from temperatures near the flash point. Store away from oxidizers.

STABILITY: Stable.

POLYMERIZATION: None Expected.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and Carbon dioxide.

INCOMPATIBLE MATERIALS: Oxidizers.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: May be irritating to eyes.

SKIN EFFECTS: No data available.

SENSITIZATION: No data available.

CARCINOGENICITY:

IARC: Not Listed

NTP: Not Listed

OSHA: Not Listed

NEUROTOXICITY: No data available.

TERATOGENIC EFFECTS: No data available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not water soluble. 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.

PRODUCT DISPOSAL: Dispose according to federal, state, local regulations.

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: 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.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: NA = Not Applicable

313 REPORTABLE INGREDIENTS: NA = Not Applicable

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Not Applicable

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: NA = Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: Listed

RCRA STATUS: Not regulated as hazardous waste.

OSHA HAZARD COMM. RULE: NA = Not Applicable

NATIONAL RESPONSE CENTER: Oil spills to navigable waterways may be reportable.

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

WHMIS CLASS: 0-H, 1-F, 0-R

16. OTHER INFORMATION

REASON FOR ISSUE: New

APPROVED BY: Safety & Environmental Department

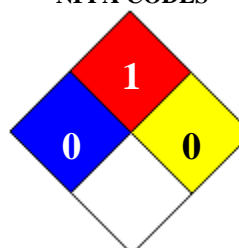
PREPARED BY: Safety Department

REVISION SUMMARY New MSDS

HMIS RATING

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

NEPA CODES



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