



Safety Data Sheet

Capmul® MCM

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

- 1.1 Product Identifier**
Trade Name: Capmul® MCM
Product Code: 8211
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Product Use: Various Food, Cosmetic, and Industrial Uses
- 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: November 11, 2014

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

US Hazard Classification (29CFR 1910.1200-2012): This product is classified as hazardous in accordance with the OSHA Hazard Communication Standard – a component has an assigned exposure limit.

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

- 2.3 Other Hazards:**
None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS# /	EINECS#	EU Classification (67/548/EEC) GHS/CLP Classification	%
Glyceryl Mono – Dicaprylate	26402-26-6	247-668-1	Not classified as dangerous	Proprietary
1,2,3- Propanetriol (Glycerin)	56-81-5	200-289-5	Not classified as dangerous	Proprietary
C8-10 Mono/di/triglycerides	91744-32-0	294-594-0	Not classified as dangerous	Proprietary
Mono/diglycerides of capric acid	26402-22-2	247-667-6	Not classified as dangerous	Proprietary

See Section 16 for further information on EU Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye: Immediately 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: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

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 anticipated



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SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:**
Use water fog or spray, foam, carbon dioxide or dry chemical.
- 5.2 Special Hazards Arising from the Substance or Mixture**
Unusual Fire and Explosion Hazards: Not considered flammable but will burn under fire conditions.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.
- 5.3 Special Protective Actions for Fire-Fighters:**
Special Fire Fighting Procedures: Do not use heavy stream of water. Burning material may splatter surrounding area and spread fire.
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. Caution – slip hazard.
- 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 with an absorbent material and place in a disposal container.
Large Spill: Stop spill at source, dike area of spill to prevent spreading. Absorb liquid with an absorbent material and place in a disposal container. Wash floors with hot soapy water to prevent slipping.
- 6.4 Reference to Other Sections:**
None

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Avoid contact with eyes, skin and clothing. Avoid breathing vapors from heated material. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash with soap and water after handling.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities**
Store in a dry, well ventilated area away from incompatible materials. Keep containers closed when not in use. Keep in light resistant containers.
- 7.3 Specific end use(s):**
Various Food, Cosmetic, and Industrial Uses

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Glyceryl Mono – Dicaprylate	None Established
1,2,3-Propanetriol (Glycerin)	5 mg/m ³ TWA (respirable), 15 mg/m ³ TWA (total) OSHA PEL 50 mg/m ³ TWA (inhalable) DFG MAK 10 mg/m ³ TWA UK OEL
C8-10 Mono/di/triglycerdies	None Established



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Mono/diglycerides of capric acid

None Established

8.2 Exposure Controls:

Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures.

Eye and Face: Safety glasses or goggles recommended.

Skin: Impervious gloves such as PVC or neoprene where needed to avoid prolonged contact.

Respiratory: In the presence of dusts or mists, the use of an approved respirator is recommended. Follow applicable regulations and good Industrial Hygiene practice.

Protective Clothing: Wear a work uniform or tyvek suit if needed to avoid contamination of personal clothing.

Work Hygienic Practices: Remove contaminated clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling product or clothing containing residual.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Physical State: Liquid or solid	Appearance: Off-white solid or liquid
Odor: Mild, fatty, or grease smell.	Odor Threshold: Not determined
pH: Not determined	Specific Gravity: 0.97-1.02
Boiling Point: Not determined	Melting Point: Not determined
Vapor Pressure: Not determined	Water Solubility: Slightly soluble
Vapor Density: Not applicable	Evaporation Rate: Not determined
Viscosity: Not determined	Pour Point: Not determined
Flash Point: >300°F (148.9°C) (COC)	Flammable Limits: LEL: Not determined
Autoignition Temperature: Not determined	Flammable Limits: UEL: Not determined
Percent Volatile: Not determined	Flammability (solid/gas): Not determined
Partition Coefficient: n-octanol/water: Not determined	Decomposition Temperature: Not determined
Explosive Properties: Not explosive	Oxidizing Properties: Not an oxidizer

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of storage and use.

10.2 Chemical Stability:

Stable

10.3 Possibility of Hazardous Reactions:

May react with strong oxidizers releasing heat.

10.4 Conditions to Avoid:

Keep away from heat, sparks, flames and other sources of ignition.

10.5 Incompatible Materials:

Avoid oxidizers.

10.6 Hazardous Decomposition Products:

Carbon monoxide. Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: Not expected to cause irritation.

Skin: Not expected to cause irritation.



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Skin Absorption: Not known.

Ingestion: No evidence of adverse effects from available information.

Inhalation: Heated material may generate vapors that could be slightly irritating.

Chronic Toxicity: No adverse effects expected.

Acute Toxicity Data:

Oral rat LD50: 5 gm/kg

Inhalation rat LC50: >20 mg/L

Irritation: This product is not expected to cause irritation. Non-irritant to eyes and skin in rabbits.

Corrosivity: This product is not a corrosive material.

Sensitization: Components were not sensitizers in guinea pigs studies.

Repeat Dose Toxicity: No data available, however 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 specific data is 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 specific data is available. Not expected to be toxic to aquatic organisms.

12.2 Persistence and Degradability:

Expected to be biodegradable.

12.3 Bioaccumulative Potential::

Not expected to bioaccumulate.

12.4 Mobility in Soil:

Not applicable

12.5 Results of PBT and vPvB Assessment:

Not required.

12.6 Other Adverse Effects:

Not known

SECTION 13: DISPOSAL INFORMATION

13.1 Waste Treatment Methods

Disposal Method: Dispose in accordance with all local, state and federal regulations.

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.

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



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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 applicable

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. Oil spills are reportable. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product is not known to contain chemicals 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 MSDS contains all the information required by the CPR.

Chemical Inventories:

US TSCA: This product can only be used for cosmetic and pharmaceutical uses only. It contains components that are not listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

EU EINECS: The components are listed on or exempt from the EINECS 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: November 11, 2014

Revision History: Updated format

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