



# Safety Data Sheet

Capmul® MCM C-8

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

- 1.1 Product Identifier**  
**Trade Name:** Capmul® MCM C-8  
**Product Code:** 8213
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**  
**Product Use:** Pharmaceutical 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:** May 26, 2016

## 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# / REACH Registration	GHS/CLP Classification	%
Glyceryl caprylate	26402-26-6	247-668-1	Not classified as hazardous	>97
Glycerin	56-81-5	200-289-5	Not classified as hazardous	<3

See Section 16 for further information on 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.



# Safety Data Sheet

## Capmul® MCM C-8

- 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 or dry chemical.
- 5.2 Special Hazards Arising from the Substance or Mixture**  
**Unusual Fire and Explosion Hazards:**  
Not considered flammable or combustible 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.
- 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. Collect with inert absorbent. Wash area with hot soapy water.  
**Large Spill:** Stop spill at source. Collect with an inert absorbent and place into a disposal container. Prevent run-off to sewers, streams or other bodies of water. Wash floors with hot soapy water to prevent slipping. Report spills and releases as required to appropriate authorities.
- 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. Contents of package must be heated slightly with agitation to ensure uniformity before use. Material may be hot. Take precautions against thermal burns.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities**  
Store in a dry area. Keep containers closed when not in use. Store at temperatures 68-77°F (20-25°C). Store away from excessive heat and oxidizers.
- 7.3 Specific end use(s):**  
Pharmaceutical Applications



# Safety Data Sheet

## Capmul® MCM C-8

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control Parameters:

Chemical Name	Exposure Limits
Glyceryl caprylate	None Established
Glycerin	5 mg/m <sup>3</sup> TWA (respirable), 15 mg/m <sup>3</sup> TWA (total) OSHA PEL 200 mg/m <sup>3</sup> TWA (inhalable) DFG MAK, 400 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup> TWA UK OEL

#### 8.2 Exposure Controls:

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

**Eye and Face:** Chemical safety glasses or goggles recommended. In Europe follow EN 166.

**Skin:** Impervious gloves recommended for prolonged or repeated contact. Wear thermally protective gloves for handling hot material. In Europe follow EN 374.

**Respiratory:** In the presence of mists, use an approved respirator.

**Protective Clothing:** None required under normal use conditions. Wear thermally protective clothing for handling 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 or soft solid	<b>Appearance:</b> Waxy mass, paste or liquid @25°C (77°F)
<b>Odor:</b> Slight fatty	<b>Odor Threshold:</b> Not determined
<b>pH:</b> Not determined	<b>Specific Gravity:</b> Not determined
<b>Boiling Point:</b> Not determined	<b>Melting Point:</b> Not determined
<b>Vapor Pressure:</b> <1 mmHg @ 25°C (77°F)	<b>Water Solubility:</b> Partially soluble
<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> >150°C / 302°F COC	<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 applicable
<b>Partition Coefficient: n-octanol/water:</b> No data available	<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:

Reaction with strong oxidizers will generate heat.

#### 10.4 Conditions to Avoid:

Keep away from excessive heat and open flames.

#### 10.5 Incompatible Materials:

Avoid oxidizers.

#### 10.6 Hazardous Decomposition Products:

Carbon monoxide. Carbon dioxide.



# Safety Data Sheet

## Capmul® MCM C-8

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on Toxicological Effects:

**Eye:** No hazardous effects expected.

**Skin:** No hazardous effects expected.

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

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

**Inhalation:** Not expected

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

Note: toxicity data reported below if based on data from a similar chemical.

#### Acute Toxicity Data:

LD50 oral rat >5,000 mg/kg, LC50 inhalation rat >20 mg/L

**Skin Irritation/Corrosion:** This product is not expected to cause irritation. Non-irritant in rabbit skin tests.

**Serious Eye Damage/Irritation:** This product is not expected to cause irritation. Non-irritant in rabbit eye tests.

**Respiratory or Skin Sensitization:** Not sensitizing to skin in guinea pig test. Not expected to cause respiratory sensitization.

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

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

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

#### Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available. No adverse effects are expected.

**Aspiration Hazard:** This product is not classified as an aspiration hazard.

### 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:

No data available.

#### 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.



# Safety Data Sheet

## Capmul® MCM C-8

### 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 product is not known to contain chemicals regulated under Proposition 65.

##### Chemical Inventories:

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

#### 15.2 Chemical Safety Assessment:

Not required

### SECTION 16: OTHER INFORMATION

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

#### GHS Hazard Phrases for Reference (See Sections 2 and 3):

None

**Date of Current Revision:** May 26, 2016

**Revision Summary:** Updated sections 3, 8, 9, 11 and 16.

**Date of Previous Revision:** August 25, 2015

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