



Safety Data Sheet

Capmul® S12L

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

- 1.1 Product Identifier**
Trade Name: Capmul® S12L
Product Code: 8829
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Product Use: Various Cosmetic 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: June 22, 2018

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

US Hazard Classification (29CFR 1910.1200-2012): Eye Damage Category 1

GHS / EU CLP Classification (No 1272/2008): Eye Damage Category 1 (H318).

2.2 Label Elements

DANGER!



Hazard Phrases

H318	Causes serious eye damage.
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Precautionary Phrases

P280	Wear eye protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.

2.3 Other Hazards:
None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	GHS/CLP Classification	%
Sodium lauroyl lactylate	13557-75-0	236-942-6	Not classified as hazardous	90-100



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Lactic Acid	50-21-5	200-018-0	Skin Irritant Category 2 (H35) Eye Damage Category 1 (H318)	1-9
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See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye: Immediately flush with water with at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain immediate medical attention.

Skin: No first aid should be needed. Wash off with water. Get medical attention if irritation develops.

Inhalation: If irritation develops, 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.

4.2 Most Important symptoms and effects, both acute and delayed:

Causes serious eye damage. May cause slight skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed:

Immediate medical attention is required for eye contact.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use dry chemical, water spray or fog, carbon dioxide, foam or sand/earth. Do not use solid water stream as that may spread fire.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards:

Not classified as a flammable liquid 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: Treat as fat or oil fire. 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. Collect spilled material. Wash area with hot soapy water.

Large Spill: Stop spill at source. Collect spilled material 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.



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SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Avoid contact with the eyes. Avoid creating and breathing mists. Keep containers closed when not in use.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities**
Keep containers closed when not in use. Store at ambient temperatures.
Store away from oxidizers.
- 7.3 Specific end use(s):** Various Cosmetic Uses

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Sodium lauroyl lactylate	None Established
Lactic Acid	None Established

8.2 Exposure Controls:

- Engineering Controls:** Use with adequate general or local ventilation to minimize airborne exposures.
- Eye and Face:** Chemical safety glasses or goggles recommended.
- Skin:** Impervious gloves recommended for prolonged or repeated contact.
- Respiratory:** In the presence of vapors or mists, use an approved respirator if ventilation is inadequate.
- Protective Clothing:** None required under normal use conditions.
- Work Hygienic Practices:** Remove contaminated clothing and laundry before reuse. Wash hands after handling product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Physical State: Liquid	Appearance: Amber
Odor: Mild fatty	Odor Threshold: Not determined
pH: Not determined	Relative Density: Not determined
Boiling Point: Not determined	Melting Point: Not determined
Vapor Pressure: Not determined	Water Solubility: Soluble
Vapor Density: Not determined	Evaporation Rate: Nil
Viscosity: Not determined	Pour Point: Not determined
Flash Point: >93°C (200°F)	Flammable Limits: LEL: Not determined
Autoignition Temperature: Not determined	Flammable Limits: UEL: Not determined
Percent Volatile: Not determined	Flammability (solid/gas): Not applicable
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
- 10.2 Chemical Stability:**
Stable under normal conditions



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- 10.3 Possibility of Hazardous Reactions:**
Reaction with oxidizers will generate heat and may cause fire.
- 10.4 Conditions to Avoid:**
Avoid excessive heat and temperatures near flash point.
- 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: Causes serious eye irritation. May cause eye damage.
Skin: May cause slight skin irritation.
Skin Absorption: No evidence of adverse effects from available information.
Ingestion: May cause gastrointestinal discomfort if ingested in large quantities.
Inhalation: Not hazardous effects expected.
Chronic Toxicity: No adverse effects expected.

Acute Toxicity Data:
Not acutely toxic

Skin Irritation/Corrosion: This product is not expected to cause irritation or corrosion.

Serious Eye Damage/Irritation: This product may cause serious eye irritation and possible eye damage.

Respiratory or Skin Sensitization: Not expected to cause sensitization.

Specific Target Organ Toxicity:
Single Exposure (STOT-SE): No data available. No adverse effects are expected.
Repeated Exposure (STOT-RE): No data available. No adverse effects are expected.

Carcinogen Status: This product is not listed as a carcinogen 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.

Aspiration Hazard: Not 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:**
No data available.
- 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.



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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
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: Refer to Section 2 for OSHA Hazard Classification.

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.

Chemical Inventories:

US TSCA: This product is for cosmetic use only. One or more ingredients is not listed on TSCA.

Canadian CEPA: All of the components are listed on the Canadian DSL or are exempt.

Australia: All of the components are listed on the AICS inventory or are exempt.

China: All the components are listed on the Chinese chemical inventory or are exempt.

Philippines: All the components are listed in the Philippine Inventory or are exempt.

New Zealand: All of the components are listed on the New Zealand Inventory of Chemicals or are exempt.

Korea: All of the components are listed on the Korean Existing Chemicals Inventory or are exempt.

15.2 Chemical Safety Assessment:
Not required



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SECTION 16: OTHER INFORMATION

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

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

H315 Causes skin irritation.

H318 Causes serious eye damage.

Date of Current Revision: June 22, 2018

Revision Summary: Updated formulation, complete SDS revision.

Date of previous revision: March 6, 2017

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