

Safety Data Sheet as per Globally Harmonized System (GHS)

GalMOL CCT MB

Version No. 1 Prepared on: November 20, 2022

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

GHS Product identifier

Trade Name : GalMOL CCT MB

INCI Name : Caprylic / Capric Triglyceride

CAS Number : 73398-61-5

EC Number : 277-452-2

Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Ingredient in Personal Care products

Supplier's details : Galaxy Surfactants Limited
C-49/2, TTC Industrial Area
Pawne, Navi Mumbai, 400703, India
Tel: +91-22-27616666/+91-22-39135500
e-mail: galaxy@galaxysurfactants.com

Emergency phone number : For product information: +91-9867673376 / +91-9867613368
(Language: English)
For Incident (Spill, Leak, Fire, Exposure, or Accident)
CHEMTREC (Day or Night): +1 703-741-5970 / 1-800-424-9300

2. HAZARD IDENTIFICATION

Classification of the substance or mixture:

This substance is not classified as hazardous according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

GHS label elements, including precautionary statements

This substance does not fall under any hazard class as per Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Other hazards which do not result in classification : Not known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity of the substance : Glycerides, mixed decanoyl and octanoyl

Common name(s), Synonym(s) : Caprylic / Capric Triglyceride

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EC Number : 277-452-2
 Concentration : 100%
 Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance : Not known

4. FIRST- AID MEASURES

Description of necessary first-aid measures

Inhalation : Remove to fresh air.
 Skin contact : Wash with soap and plenty of water. Seek medical advice, if necessary
 Eye contact : Flush for at least 15 minutes under running water with eyelids held open forcibly. Seek medical advice, if necessary
 Ingestion : Immediately rinse mouth and drink plenty of water. If feeling unwell, after accidental swallowing, consult the doctor
 Most important symptoms/effects, acute and delayed : Data not available on toxic symptoms
 Indication of immediate medical attention and special treatment needed, if necessary : No information available

5. FIRE- FIGHTING MEASURES

Suitable extinguishing media : Dry chemical powder, water spray, carbon dioxide, alcohol-resistant foam
 Unsuitable extinguishing media : Not known
 Specific hazards arising from the chemical : Development of hazardous combustion gases like oxides of carbon possible in the event of fire
 Special protective equipment and precautions for fire-fighters : Wear personal protective equipment and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Wash hands after exposure with the product. Avoid contact with skin, eyes and clothing. Take off contaminated clothing and wash it before reuse.

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Environmental precautions	: Do not discharge into drains, surface water or ground water.
Methods and materials for containment and cleaning up	: Small spill: Absorb with suitable absorbent material. Collect in suitable and properly labeled container. Large spill: Contain spilled material if possible. Pump into suitable and properly labeled containers. Dispose off absorbed material/ collected material in accordance with regulations

7. HANDLING AND STORAGE

Precautions for safe handling	: Follow general occupational hygiene such as, wash hands before and after use. Do not eat, drink or smoke in work areas. Remove contaminated clothing. Avoid spill. Use appropriate personal protective equipment while handling the material. Follow safe procedures for loading and unloading of product
Conditions for safe storage, including any incompatibilities	: Store the material in a clean, dry place preferably at 10-40°C, away from direct heat and sunlight. In the original sealed condition, when stored as suggested the shelf life of the product is one year. Product becomes slightly viscous at temperature below 10°C, but it is easily transferrable. Product may solidify, if stored at < - 5°C. If solidifies, it is recommended to keep the carboys/pails/drums in hot room of 30 - 40°C to restore the material back to original form. During storage, there is possibility of hydrolysis at acidic and alkaline condition in presence of water above 40°C. Once the carboy/drum is opened, re-seal it with proper nitrogen blanketing and use it within six months. Stacking of HMHDPE carboys (Palletized / non-palletized): 1+1+1, While transport and 1+1 carboy during storage
Suitable packing materials	: HMHDPE carboys/ drum
Unsuitable packing materials	: Not known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	
Occupational exposure limits	: Not known
Biological limit values	: Not known
Appropriate engineering controls	: Proper plant design, technical measures and working operations should minimize human exposure

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Individual protection measures, such as personal protective equipment (PPE) : Eye/face protection: Safety goggles
Skin protection: Apron, rubber gloves and shoes
Respiratory protection: None required when adequate ventilation is available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state : Clear low viscous liquid
Colour : Colorless to pale yellow
Odour : Characteristics
Odour threshold : No data available
Freezing point : < -5°C
Initial boiling point and boiling range : Above 200°C at 760 mm Hg
Flash point : No data available
Evaporation rate : No data available
Flammability : No data available
Upper/lower flammability or explosive limits : No data available
Vapour pressure : No data available
Vapour density : No data available
Relative density : 0.9400 - 0.9700 at 25°C
Solubility(ies) : Miscible in Methanol, IPA, Chloroform, Toluene, Ethanol
Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity (Brookfield, LVT, #2, 100 rpm) : 50 - 80 cP at 25°C

10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions, if stored and handled as prescribed (Refer Section 7)
Chemical stability : Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure

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Possibility of hazardous reactions	: Not anticipated when used or handled as prescribed
Conditions to avoid	: Direct heat, sunlight and other sources of ignition
Incompatible materials	: Do not Subject to strong acids, Alkali and Oxidizing agent.
Hazardous decomposition products	: Will not form, if stored or handled as prescribed

11. TOXICOLOGICAL INFORMATION

Toxicological information of Caprylic / Capric Triglyceride

Acute oral toxicity (Mouse)	: LD ₅₀ : >5000 mg/kg bw (Equivalent or similar to OECD Guideline 401) Read-across approach
Acute dermal toxicity (Rat)	: LD ₅₀ : >2000 mg/kg bw Read-across approach
Acute inhalation toxicity (Rat)	: LC ₅₀ : >1.86 mg/L air (Equivalent or similar to OECD Guideline 403)
Skin corrosion/irritation (Rabbit)	: Not irritating (According to guideline EPA OPP 81-5)
Serious eye damage/irritation (Rabbit)	: Not irritating (Equivalent or similar to OECD Guideline 401/ EPA OPP 81-4)
Skin sensitization (Guinea pig)	: Not sensitising (according to OECD Guideline 406) Read-across approach
Respiratory sensitization	: No data available
Germ cell mutagenicity	
Mammalian Chromosome aberration test (in-vitro)	: Negative (Equivalent or similar to guideline OECD 473) Red across approach
Bacterial reverse mutation assay (in vitro)	: Negative (OECD Guideline 471/EU Method B.13/14)
Mammalian cell gene mutation assay (in vitro)	: Negative (Equivalent or similar to OECD Guideline 473) Read-across approach
Micronucleus assay (in vivo)	: Negative (Equivalent or similar to OECD Guideline 474) Read-across approach
Carcinogenicity	: Carcinogenicity not expected

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Reproductive toxicity	: Not classified Maternal toxicity (Rat): NOAEL: 1000 mg/kg bw/day Developmental toxicity (Rat): NOAEL: 1000 mg/kg bw/day (According to Guideline 414/ Guideline 422) Read-across approach
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified Oral (Rat) : NOAEL: 1000 mg/kg bw/day (According to OECD guideline 422) NOAEL: ca. 5000 mg/kg bw/day (According to OECD guideline 408) Read-across approach Dermal (Rat) : NOAEL: 75 mg/kg bw/day Read-across approach
Aspiration hazard	: Not classified
Information on the likely routes of exposure	: Oral and dermal
Symptoms related to the physical, chemical and toxicological characteristics	: Data not available on toxic symptoms
Delayed and immediate effects and also chronic effects from short and long term exposure	: Short term exposure: No data available Long term exposure: No data available

12. ECOLOGICAL INFORMATION

Ecological information of Caprylic / Capric Triglyceride

Short-term toxicity to fish	: Danio rerio (freshwater fish) LC ₀ (96 h): ≥53 mg/L (According to Guideline EU Method C.1)
Long-term toxicity to fish	: No data available
Short-term toxicity to aquatic invertebrates	: Daphnia magna EC ₅₀ (48 h): >0.01 mg/L (Basis on; mobility) (According to guideline EU Method C.2)
Long-term toxicity to aquatic invertebrates	: Daphnia magna NOEC (21 d): ≥0.01 mg/L (OECD Guideline 211) Red cross approach

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Toxicity to aquatic algae	: Desmodesmus subspicatus (freshwater) EC ₅₀ (72 h): >0.449 mg/L NOEC (72 h): ≥0.449 mg/L (According to guideline EU Method C.3)
Persistence and degradability	: Readily biodegradable; 92.71% after 28 days (Equivalent or similar to other guideline: Two phases closed bottle test (ISO 10708))
Bioaccumulative potential	: Bioaccumulation in aquatic organisms is expected to be low and nonhazardous
Mobility in soil	: Adsorption coefficient: log Koc: 1415 for C16 monoglycerides to 1.086E+14 for C18 triglycerides. (Q)SAR (KOCWIN v2.00, Episuite)
Other adverse effects	: No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods	: Dispose off contents/container in accordance with local/regional/national/international regulations
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14. TRANSPORT INFORMATION

Land transport

ADR/RID	: Not classified as dangerous goods as per transport regulation
UN Number	: Not applicable
UN proper shipping name	: Not applicable
Transport hazard class(es)	: Not applicable
Packing group	: Not applicable
Environmental hazards	: Not applicable

Inland water ways transport

ADN	: Not classified as dangerous goods as per transport regulation
UN Number	: Not applicable
UN proper shipping name	: Not applicable
Transport hazard class(es)	: Not applicable
Packing group	: Not applicable
Environmental hazards	: Not applicable

Sea transport

IMDG code	: Not classified as dangerous goods as per transport regulation
UN Number	: Not applicable
UN proper shipping name	: Not applicable



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Transport hazard class(es) : Not applicable
Packing group : Not applicable
Marine pollutant : Not applicable

Air transport

ICAO-TI/IATA-DGR : Not classified as dangerous goods as per transport regulation
UN Number : Not applicable
UN proper shipping name : Not applicable
Transport hazard class(es) : Not applicable
Packing group : Not applicable
Environmental hazards : Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question : Refer to all applicable national, international and local regulations or provisions

16. OTHER INFORMATION

Revision Number : GHS / Revision 0
Indication of changes : Not applicable
Legend/acronym : GHS - Globally Harmonized System
STOT - Specific Target Organ Toxicity
Source of information : In-house and literature

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