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Date: 12/05/2024

Version: 1

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SECTION 1. IDENTIFICATION

Product Name/Identifier	Dicaprylyl Carbonate
Product Code	FSSB10082
Recommended Use	Ingredients/Raw materials used in the manufacturing of Cosmetic Products'
Restrictions on Use	None
Supplier Site	Formulator Sample Shop, LLC
Address	135 Joshua Court Lincolnton, NC 28092, USA
Telephone No. (24hrs)	1-704-276-7540
Emergency Telephone #	1-704-276-7540 (Mon-Fri: 8:00AM – 5:00PM EST)

SECTION 2. HAZARD(S) IDENTIFICATION**Classification:****GHS / CLP**

Basis for Classification: Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011)

USA

OSHA Regulatory Status: This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).

Europe

Basis for Classification: -According to present data no classification and labeling is required according to Reg. (EC) No 1272/2008.
-This product is not classified as hazardous to health or environment according to the CLP regulation.

Labeling Elements:

Pictograph: No hazard symbol expected

Hazard statements/Signal Word: Not applicable

Precautionary statements: P233: Keep container tightly closed
P281: Use personal protective equipment as required
P402: Store in a dry place
P404: Store in a closed container
P410: Protect from sunlight
P411: Store at temperatures not exceeding 32°C

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Other hazards which do not result in classification:

No particular fire or explosion hazard.

By mechanical effect: No particular hazards.

By hygroscopic effect: No particular hazards.

US NFPA 704 (National Fire Protection Association) Hazard Rating System:

Health hazard: Rating 0; Normal Material

Flammability: Rating 0, Will Not Burn

Reactivity: Rating 0, Stable

Other Hazard Information: None

Results of PBT and vPvB assessment:

-PBT: Not applicable

-vPvB: Not applicable

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**Common Chemical Name:** Dicaprylyl Carbonate**Generic name:****Chemical Family:** Oil**Description:** Mixture: consisting of the following components. This section describes all components of the mixture

<u>Substance</u>	<u>CAS Numbers</u>	<u>EC Numbers</u>	<u>Percentage</u>
Dicaprylyl Carbonate	1680-31-5	N/A	100.0%

Formula: Not applicable**SECTION 4. FIRST-AID MEASURES****General:** In all cases of doubt, or when symptoms persist, seek medical attention.**Inhalation:** Move to fresh air from exposure area. Get medical attention for any breathing difficulty. If breathing stops, administer CPR.**Skin contact:** Rinse with soap and water. Get medical advice if irritation develops.**Eye contact:** Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.

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Ingestion: Consult with a physician. Immediately rinse mouth and then drink 200-300ML Of water; do not induce vomiting.

Protection of first-aiders: No special protection required.

SECTION 5. FIRE-FIGHTING MEASURES

Fire and explosion hazards: Not considered to be a fire and explosion hazard

Extinguishing media:

Suitable: Water, dry chemicals, foam and carbon dioxide

Not suitable: None known; hazards during firefighting; harmful vapours
Evolution of fumes/fog. The Substances/groups of substances
Mentioned can be released in case of fire.

Fire fighting: Move container from fire area if it can be done without risk.
Avoid inhalation of material or combustion by-products.
Stay upwind and keep out of low area

Protection for fire-fighters: Boots, gloves, goggles. Self-contained breathing apparatus.

Further Information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with eyes.

Personal Protective Equipment:
-Protective goggles, clothing,

Environmental precautions: Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system.

Methods for cleaning up:

Recovery: For small amounts: pickup with suitable absorbent material.
For large amounts: Dike spillage. Pump off product.
Dispose of absorbed material in accordance with regulations.

Cleaning/Decontamination: Wash non-recoverable remainder with water.

Disposal: For disposal of residues refer to sections 8 & 13.

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SECTION 7. HANDLING AND STORAGE

Handling

Technical measures:

Measures:

Safe handling advice:

Handle in accordance with good industrial hygiene and safety practice.

Labeling: Keep out of the reach of children.

For industrial use, only as directed.

Wash hands after use. Avoid storage near feed or food stuff.

Protection against Fire/Explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

Storage

 Suitable materials for containers: tinned carbon steel (Tinplate), glass
 High density polyethylene (HDPE) Galvanized Carbon Steel (Zinc)
 And Carbon steel (Iron).

Storage Stability:

Storage temperature: -10 - 30°C

Protect against moisture.

Protect from temperature below -10°C

The characteristics of the product are reversibly changed when falling below the limit temperature.

Protect from temperatures above 40°C

Properties of the product change irreversibly on exceeding the limit temperature.

Technical measures:

Keep container closed.

Recommended Storage Conditions:

Store in a dry place at temperatures not exceeding 32°C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23 - 25°C. However, it may be stored at temperatures between 16 and 32°C if such specific temperature control is not available. Do not freeze. Please refer to stability data for effects heat or cold may have on the specifications of the product.

Incompatible products:

Avoid contact with strong oxidizers.

Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity)

Packaging:

Product may be packaged in normal commercial packaging.

Packaging materials:

Recommended - Polypropylene & High Density Polyethylene

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary statements:

Ensure adequate ventilation

Control parameters

Occupational exposure Limits:

France:

Not Determined

ACGIH:

Not Determined

Korea:

Not Determined

UK:

Not Determined

Surveillance procedures:

Not Determined

Engineering measures:

Not Determined

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Personal Protective Equipment:

Respiratory protection:	Not applicable with adequate ventilation.
Hand protection:	Protective gloves made of rubber or neoprene.
Eye protection:	Safety glasses with side shields.
Collective emergency equipment:	Eye fountain.
Skin and Body Protection:	Suitable protective clothing, head protection, boot protection, aprons.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the workplace.

Measures related to the Environment: No particular measures.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid
Color:	Colorless
Odor:	Characteristic
Acid Value:	0.0-0.2 mg KOH/g
pH (Direct):	Not determined
Refractive Index (20°C):	1.435-1.437
Vapor density:	Not applicable
Pour Point:	≤ -20.0°C
Boiling Point:	331°C
Freezing Point:	Not determined
Melting point:	< -20°C
Flash point:	> 189°C
Oxidizing properties:	Non oxidizing material according to EC criteria.
Solubility:	
In water:	Insoluble
In organic solvents:	Not determined
Log P:	Not determined

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life
Hazardous reactions:	Reacts with oxidizing agents. Reacts with bases and strong acids.
Conditions to avoid:	No dangerous reactions known under use of normal conditions.

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Avoid extreme heat. See section 7.

Materials to avoid:

No dangerous reaction known with common products.

Hazardous decomposition products: None known**SECTION 11. TOXICOLOGICAL INFORMATION****Ingestion:**

Type of Value: LD50; Value: > 5,000 mg/kg

Dermal:

Primary route of entry

Ocular:

Not Determined

Inhalation:

Not Determined

Acute toxicity data:

Virtually non-toxic after single ingestion.

Sensitization:

Non-Primary Sensitizers

Repeated dose toxicity:

No known effects

Subacute to chronic toxicity:

Not Determined

Additional Toxicological Information: This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.**Specific effects:****Carcinogenicity:**

No known effects

Mutagenicity:

No known effects

Reproductive toxicity:

No known effects

Neuro-toxicity:

No known effects

For more information:

Does not present any particular risk on handling under normal conditions of good occupational hygiene practice.

This product has not been tested for the following:

- Primary cutaneous and corrosive irritation
- Acute oral toxicity
- Mutagenicity/genotoxicity

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Effects on the aquatic environment:** Not Determined**Biodegradability:****Persistence:** Not Determined**Bioaccumulation:**

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Octanol / water partition coefficient: Not Determined

Mobility:

Precipitation:

Expected behavior of the product: Ultimate destination of the product: Soil & sediment.

Other Adverse Effects: None known**SECTION 13. DISPOSAL CONSIDERATIONS****Residues from product**

Prohibition: Do not allow the product to be released into the Environment.
Destruction/Disposal: Dispose of in accordance with relevant local regulations

Contaminated packaging

Decontamination/cleaning: Cleaning is not required prior to disposal.
Destruction/Disposal:

Note: Take all necessary precautions when disposing of this product according to local regulations.

SECTION 14. TRANSPORT INFORMATION**UN Number:** None**UN Shipping Name:** None**Transport Hazard Class:** Not classified as dangerous for transport

Land (rail/road): Material is not restrictive for land transport and is not regulated by ADR/RID
Sea: Material is not restrictive for sea transport and is not regulated by IMO/IMDG
Air: Material is not restrictive for air transport and is not regulated by ICAO/IATA

Marine Pollutant: No

Transport/Additional Information: Not regulated for US DOT Transport in non-bulk containers
This material is not dangerous or hazardous

Special Precautions for User: None known

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

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SECTION 15. REGULATORY INFORMATION**Labeling:**

EC regulations:

This product does not need to be labeled in accordance with EC Directives or respective national laws

Further regulations

United Kingdom:

Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental Hygiene Guidance: EH40 Workplace Exposure Limits (revised annually)

Korea regulations:

Industrial safety and hygiene regulation: No
Hazardous material control regulation: No
Fire prevention regulation: No**Other regulations:**

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions

SECTION 16. OTHER INFORMATION

Prohibited uses:

For specific uses, food industry, ask the manufacturer for more information.

Last Revision Date:

N/A

Preparation Date:

December 5, 2024

MSDS summary of changes

No deletion, addition or revision to date

The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.