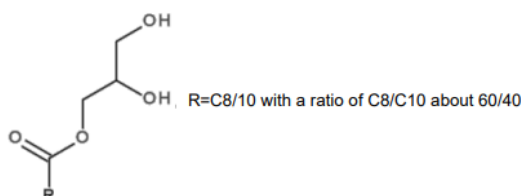


Product Name

STEPAN-MILD® GCC-FL/MB

Chemical Structure



Chemical Description

STEPAN-MILD GCC-FL/MB is Glyceryl Caprylate/Caprate. It is made by the esterification of glycerin sourced from vegetable oil sources and medium chain fatty acids, which are sourced from coconut and/or palm kernel oil, with a final addition of 1,3-propanediol.

INCI Name

Glyceryl Caprylate / Caprate (and) Glycerin (and) Propanediol

CAS Registry Number

85536-07-8 & 56-81-5 & 504-63-2

Applications

Functional properties • Foam booster and texturizer • Viscosity builder • Skin feel enhancement • Key ingredient for Natural and Polymer free suspension (Structured liquid) • Hair conditioning enhancer • Emollient properties

End Product Uses • Rinse-off: • Shampoos • Shower gels • Structured liquids • Handwashes Leave-on: • Fluid "humecto-emollient" • Cold process emulsions

Typical Properties

Appearance at 25°C.....	Pale yellow liquid
Acid Value, mg KOH/g.....	2 max.
Active Matter, %.....	63
Water, %.....	1 max.
Color, APHA.....	200 max.
Flash Point (PMCC), °C (°F).....	>100 (>212)
Viscosity at 20°C, cps.....	200-500
Solubility in Water.....	Dispersible
Melting Point/Freezing Point, °C (°F).....	~15 (~59)
Density at 20°C, g/cm ³	1.065-1.07 (8.89-8.93)

Storage & Handling

Normal safety precautions (e.g., gloves and safety goggles) should be employed when handling STEPAN-MILD GCC-FL/MB. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling STEPAN-MILD GCC-FL/MB. See SDS for more information.

Recommended storage above 15°C (59°F) up to 40°C (104°F). If material is crystallized, heat to about 30°C (86°F) with agitation to ensure the material is homogeneous before use. Avoid prolonged storage above 40°C (104°F).

The international inventories of the active components of STEPAN-MILD GCC-FL/MB are listed below. **It is the responsibility of the formulator to review and comply with the chemical control regulations for each country where the end product is intended to be sold or used.**

Country & Inventory name	On inventory (Yes/No)*
Europe (REACH)	REACH compliant - REACH Record number 01-2119963379-22-0001
US (TSCA)	No - Cosmetic Exempt
Australia (AICS)	Yes
Canada (DSL/NDL)	No - Cosmetic use only
China (IECSC)	Yes
Japan (ENCS)	Yes
Japan (ISHL)	Yes
Korea (ECL)	Yes - Stepan has NOT pre-registered
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (ECN)	Yes
Vietnam (CECHEDAR)	No
Thailand (TECI)	No

*A "Yes" indicates that all components of this product comply (listed or exempt) with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed from listing on the inventory administered by the governing country(s).

STEPAN-MILD® is a registered trademark of Stepan Company.

Additional Safety
Information

For Additional
Assistance

August 2022
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A Safety Data Sheet is available upon request.

For applications or product handling assistance, call our Corporate Offices at (33) 4-76-50-5160.
For ordering assistance, call our Customer Service Department at (33) 4-76-50-5100.

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