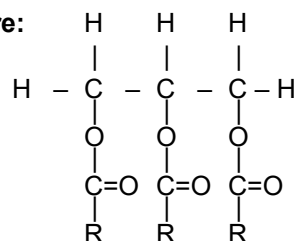


NEOBEE® M-5 COSMETIC/MB

Chemical Structure:


R = C₇H₁₅ and C₉H₁₉ (70/30)

Chemical Description: Medium Chain Triglycerides

CAS Registry Number: 73398-61-5

INCI Name: Caprylic/Capric Triglyceride

Product Description:

NEOBEE M-5 COSMETIC/MB is an RSPO mass-balance certified caprylic/capric triglyceride. It is made using glycerol from vegetable oil sources and medium-chain fatty acids from coconut and palm kernel oils. This product is suitable for a wide range of applications, including but not limited to cosmetics and personal care. NEOBEE M-5 COSMETIC/MB functions as an emollient, lubricant and also as a solubilizing agent for mineral oils, silicones and fragrances.

Applications:

- Baby Care
- Face Creams
- Lip Care
- Make-Up Removers
- Body Oils
- Hair Conditioners
- Lotions
- Sensitive Skin Formulations

Sustainability Attributes:

- Bio-Based
- Plant Derived
- Naturally Derived
- RSPO Mass Balance Certified

Typical Properties:

Appearance at 25°C	Liquid
Biorenewable Carbon Index (BCI), %	100
Boiling Point, °C °(F)	>150 (>300)
Color, APHA	30
Density, g/ml (lbs/U.S. gal)	0.95 (7.90)
Flash Point (PMCC), °C °(F)	260 (500)
Free Fatty Acid (% as oleic)	0.05 Max.
Freeze Point, °C °(F)	-5 (23)
ISO 16128 NOI	1.0
Water, %	0.03
Peroxide Value, meq/kg	0

Saponification Value	349
Viscosity at 25°C, cps	29
RVOC, U.S. EPA, %	0
Preservative	None required
<u>Solubility:</u>	
Water	Insoluble
Isopropanol	Soluble
Mineral Oil	Soluble
Vegetable Oil (Peanut)	Soluble

Environmental Effects:

Reference section 12 of the Safety Data Sheet (SDS) for more information on biodegradation status and other environmental effects.

Health Effects:

Reference section 11 of the SDS for information on health effects.

Packaging:

NEOBEE M-5 COSMETIC/MB is available in drum and tote quantities. For other package sizes, please consult your Stepan Sales Representative.

Storage & Handling:

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling NEOBEE M-5 COSMETIC/MB. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.

Bulk Storage Recommendations: NEOBEE M-5 COSMETIC/MB should be stored in vessels of 316 stainless steel. Material storage temperatures should not exceed 32°C (90°F). Pumps, pipes and transfer lines should be 316 stainless steel.

Non-Bulk Storage Recommendations: It is recommended that NEOBEE M-5 COSMETIC/MB be stored in the original unopened containers at temperatures not exceeding 32°C (90°F). It is recommended that storage temperatures should not exceed 32°C (90°F) for best long-term performance. Normal safety precautions should be employed when handling NEOBEE M-5 COSMETIC/MB (see SDS for further information).

Workplace Exposure:

Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Engineering controls, personal protective equipment, and other workplace safety practices should be used to control these exposures. See SDS for more information.



Corporate Headquarters
Northbrook, Illinois 60062, U.S.A.
Phone: 847-446-7500

For local customer service or technical service, please visit
Stepan's website at www.stepan.com for contact details.

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October 2025

Page 2 of 3

Global Inventories:

The international inventories (country clearances) of NEOBEE M-5 COSMETIC/MB can be found in Section 15 of the SDS. It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used. If you have any further questions regarding inventories, please contact North America Technical Service at techserv@stepan.com.

Product Stewardship:

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information: SDS is available upon request.



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October 2025

Page 3 of 3