

## Product Bulletin

**NEOBEE<sup>®</sup> M-5** is a caprylic/capric triglyceride. It is made using glycerol from vegetable oil sources and medium-chain fatty acids from coconut and palm kernel oils.

### Applications

- ✓ Fat source in a variety of specialized nutritional products
- ✓ Carrier for flavors, vitamins, essential oils and colors
- ✓ Moisture barrier
- ✓ Clouding agent for beverage
- ✓ Mineral oil alternative for a variety of applications including release agent and polishing agent
- ✓ Anti-foaming agent



### Typical Properties

Appearance at 25°C .....	liquid	C8:0, % .....	66
Odor and Flavor .....	bland	C10:0, % .....	32
Free Fatty Acid (% as oleic) .....	0.05	Moisture, % .....	0.02
Peroxide Value, meq/kg .....	0	Viscosity, cSt at 40°C .....	14.9
Anisidine Value .....	0	AOM, hr at 100°C .....	500



### Nutrition Information (per 100 grams)

Calories from Fat at 6.8 kcal/g* .....	680	Trans Fat, g .....	0
Total Fat, g .....	100	Polyunsaturated Fat, g .....	0
Saturated Fat, g .....	100	Protein, g .....	0
Monounsaturated Fat, g .....	0	Total Carbohydrate, g .....	0

\*Utilizable energy. See J. Food Science 64, pp. 960-963 (1999).

### Labeling

Vegetable oil, Captrin, Medium Chain Triglycerides, Caprylic/Capric Triglycerides or Glycerol Tri(caprylate/caprate).



### Packaging

NEOBEE M-5 is available in drum, tote and bulk quantities.

### Certifications

NEOBEE M-5 is certified as Kosher and Halal.

NEOBEE M-5 complies with the specifications for Medium Chain Triglycerides of the European Pharmacopoeia (EP) and the Japanese Pharmacopoeia (JP). NEOBEE M-5 complies with the definition, identification, impurities, and specific tests for Medium Chain Triglycerides of the National Formulary as published by the U.S. Pharmacopoeia (USP).

NEOBEE M-5 has a Type IV Drug Master File (DMF) available.

# NEOBEE®

## Medium Chain Triglycerides

### Statements

NEOBEE M-5 is

- ✓ Food Grade.
- ✓ Produced following the principles of Food Safety Standards.
- ✓ Fully traceable from finished products to raw materials and vice versa.
- ✓ Non-GMO (Genetically Modified Organism). Not based on genetically modified raw materials and does not need to be labeled under GM labeling rules.
- ✓ Free from any irradiated or ionized components and has not been ionized or irradiated.
- ✓ Not subjected to risk from Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).
- ✓ Not mentioned in the World Anti-Doping Agency (WADA) prohibited substances list and is free from prohibited substances mentioned in the WADA list as of the publication date of this document.

### Storage & Handling

It is recommended that NEOBEE M-5 be stored in the original unopened containers at temperatures not exceeding 32°C (90°F). The recommended retest date for NEOBEE M-5 is three years from the date of manufacture, assuming that the product is unopened and stored under recommended storage conditions. 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.

A Safety Data Sheet (SDS) is available upon request.

### Product Stewardship

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

The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents or to violate any applicable laws. STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, EXPRESS OR IMPLIED, AND NO OTHER WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE, INCLUDING AS TO INFORMATION REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS OR ADEQUACY. Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party for any direct, indirect, special or consequential damages arising out of or in connection with the information provided herein, including in respect of its accuracy, completeness, adequacy, furnishing, or use, or reliance upon such information. The vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

NEOBEE® is a registered trademark of Stepan Specialty Products, LLC.

**Stepan**



Stepan Specialty Products, LLC  
100 W. Hunter Avenue  
Maywood, NJ 07607, U.S.A.  
[www.stepan.com](http://www.stepan.com)

For Technical Service Call:  
Stepan Company USA +1-800-745-7837

For Customer Service Call:  
Stepan Company USA +1-800-457-7673  
Stepan Lipid Nutrition B.V. +31 (0)75-727-1000