

## 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 Glyceryl 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.

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**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**