

## Product Bulletin

**NEOBEE<sup>®</sup> 1053** 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, % .....	55
Odor and Flavor .....	bland	C10:0, % .....	44
Free Fatty Acid (% as oleic) .....	0.05	Moisture, % .....	0.03
Peroxide Value, meq/kg .....	0	Viscosity, cSt at 40°C .....	15.9
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 1053 is available in drum, tote and bulk quantities.

### Certifications

NEOBEE 1053 is certified as Kosher and Halal.

NEOBEE 1053 complies with the specifications for Medium Chain Triglycerides of the European Pharmacopoeia (EP) and the Japanese Pharmacopoeia (JP). NEOBEE 1053 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 1053 has a Type IV Drug Master File (DMF) available.

# NEOBEE®

## Medium Chain Triglycerides

### Statements

NEOBEE 1053 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 1053 be stored in the original unopened containers at temperatures not exceeding 32°C (90°F). The recommended retest date for NEOBEE 1053 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 1053.

A Safety Data Sheet is available upon request.

### Product Stewardship

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

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