

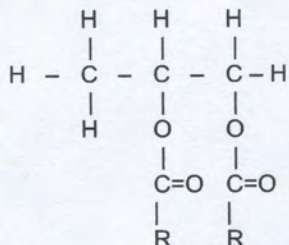


## Product Bulletin

Product Name

### NEOBEE<sup>®</sup> M-20

Chemical Structure



R = 70% C<sub>7</sub>H<sub>15</sub> and 27% C<sub>9</sub>H<sub>19</sub>

INCI Name

Propylene Glycol Di(caprylate/caprate)

CAS Registry No.

68583-51-7

Applications

Functional Properties

- Emollient in creams and lotions
- Fill fluid for instruments
- Conditioner

End Product Uses

- Creams and Lotions
- Lipsticks
- Cleaning Products
- Blushes
- Foundations

Typical Properties

Appearance .....	Slightly yellow liquid	Density, g/ml (lbs/U.S. gal).....	0.94 (7.8)
Odor and Flavor .....	Bland	Vapor Pressure, mmHg at 165°C.....	1.5
Color (APHA), as is .....	30	Vapor Pressure, mmHg at 188°C.....	4
Viscosity, cSt at -15°C .....	57	Vapor Pressure, mmHg at 208°C.....	10
Viscosity, cSt at 0°C.....	23	Vapor Pressure, mmHg at 228°C.....	20
Viscosity, cps at 25°C .....	9.5	Specific Gravity at 0°C .....	0.939
Viscosity, cps at 40°C .....	6	Specific Gravity at 25°C .....	0.918
Viscosity, cps at 100°C .....	2	Specific Gravity at 50°C .....	0.905
Freezing Point, °C (°F).....	-20 (-4)	Specific Gravity at 65°C .....	0.892
Smoke Point, °C (°F) .....	126.7 (260)	Specific Gravity at 100°C .....	0.864
Boiling Point °C (°F) at 1.5 mmHg.....	165 (329)	Hydroxyl Value .....	1.0
Flash Point (PMCC), °C (°F).....	177 (350)	AOM, hr at 100°C .....	500
Moisture, % .....	0.04	Iodine Value, Wijs.....	0.10
Free Fatty Acid, % as oleic .....	0.03	RVOC, U.S. EPA, %.....	0
Saponification Value .....	326		

Biodegradability

Product is biodegradable. Additional information is available upon request.

Toxicity

NEOBEE M-20 has an oral LD<sub>50</sub> >5 g/kg body weight and may cause minimal irritation when applied to the skin undiluted.

Storage & Handling

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling NEOBEE M-20. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.

It is recommended that NEOBEE M-20 be stored in sealed containers and kept at temperatures not exceeding 90°F (32°C). Avoid overheating.

Standard Packaging: NEOBEE M-20 is available in 55 gallon drums (net weight 400 lb/181 kg).

NEOBEE<sup>®</sup> is a registered trademark of the Stepan Company.





Clearances

All components of NEOBEE M-20 are listed in the following countries; the registration numbers for the active ingredients are included in parentheses: Europe (EINECS 271-516-3), Japan (ENCS 2-669), Canada (DSL 68583-51-7), Australia (AICS 68583-51-7), United States (TSCA 68583-51-7), Korea (ECL Serial No KE-09464), Philippines (PICCS 68583-51-7) and China (EICS Part 3)

NEOBEE M-20 is approved under 21CFR 172.856 as a direct food additive and under 21CFR 174.5 as an indirect food additive.

NEOBEE M-20 is available as Kosher Certified.

FDA Status

NEOBEE M-20 has a Type IV Drug Master File (DMF) available.

Additional  
Safety  
Information

A Material Safety Data Sheet is available upon request.

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