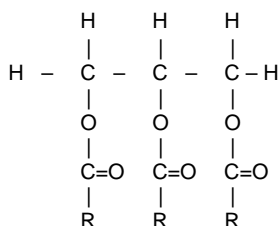


Product Name

STEPAN[®] 108

Chemical Structure



R = 66% C₇H₁₅ and 32% C₉H₁₉

STEPAN 108 is a caprylic/capric triglyceride. It is made using glycerin from vegetable oil sources and medium-chain fatty acids from coconut or palm kernel oil.

CAS Registry No.

73398-61-5

Label Options

Captrin, Medium Chain Triglycerides, Caprylic/Capric Triglycerides or Glyceryl Tri(caprylate/caprate).

Applications

- Alternative solvent to many different hydrocarbon
- Mineral oil alternative for a variety of applications including release agent and polishing agent
- Moisture barrier

Typical Physical Properties

Appearance.....	Yellow liquid
Acid Value.....	1.0 max
Color, Lovibond.....	0.4 Red
Color, Gardner.....	1.8
Density at 25°C, lbs/U.S. gal.....	7.9
Flash Point, PMCC, °C (°F).....	260 (500)
Freezing Point, °C (°F).....	-5 (23)
Hydroxyl Value.....	15 max
Interfacial Tension, mN/m.....	28.07
Moisture, ppm.....	200
Refractive Index at 25°C.....	1.447
Saponification Value.....	330
Specific Gravity at 25°C.....	0.945
Surface Tension, mN/m.....	30
Viscosity, cps at 25°C.....	23
RVOC, U.S. EPA, %.....	0

Biodegradability

Product is biodegradable. Additional information is available upon request.

Toxicity

STEPAN 108 has an oral LD₅₀ >36 ml/kg body weight (rats) and may cause very mild transient eye and minimal skin irritation when applied undiluted.

Storage & Handling

Normal safety precautions should be employed when handling STEPAN 108.

It is recommended that STEPAN 108 be stored in sealed containers at temperatures not exceeding 90°F (32°C). Avoid overheating.

Standard Packaging: STEPAN 108 is available in 55 gallon drums (net weight 430 lb/195 kg).

Clearances

All components of STEPAN 108 are listed in the chemical inventories of the following countries; the registration numbers for the active ingredients are included in parentheses: Europe (EINECS 277-452-2), Japan (ENCS 2-669), Canada (DSL 73398-61-5), Australia (AICS 73398-61-5), Korea (KE-17905), United States (TSCA 73398-71-5), Philippines (PICCS 73398-61-5) and China (EICS Part 3).

STEPAN[®] is a registered trademark of Stepan Company.



**Additional
Safety
Information**

A Material Safety Data Sheet is available upon request.

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

Stepan 

Corporate Headquarters
Northfield, Illinois 60093, U.S.A.
847-446-7500 847-501-2100 fax
Website: www.stepan.com

For Technical Service Call: Northfield, IL USA 800-745-7837
Longford Mills, Canada 705-326-7329 • Mexico City, Mexico +52-555-533-1697
Voreppe, France +33-476-505-100 • Bogota, Colombia +57-1-6362808
Stalybridge, United Kingdom +44-141-338-9083
Manila, Philippines +632-891-1708

Dec. 2011
Supersedes:
Oct. 2007
Page 2 of 2

