



American International Chemical, Inc.

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SPECIFICATION SHEET

MEDIUM CHAIN TRIGLYCERIDE - CAPTEX® 100 Propylene Glycol Dicaprate

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CAP100	1190	53824-77-4	January 5, 2012	NSG	Original	CDS

CHARACTERISTICS:	Captex 100 is a clear liquid. It's a diester formed from selected high-purity vegetable fatty acids and propylene glycol. It is totally miscible in mineral oil and in 95% ethanol. In addition, it has a lower viscosity than mineral oil.
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SPECIFICATIONS:	Appearance/form (at 25°C)	Clear liquid
	Acid value (mg KOH/g)	0.1 max
	Color APHA	100 max
	Saponification value (mg KOH/g)	282-302
	Moisture (Karl Fischer)	0.1% max
	Typical fatty acid composition by GLC	
	6:0 Caproic acid	1.0% max
	8:0 Caprylic acid	5.0% max
	10:0 Capric acid	95% min
12:0 Lauric acid	4.0% max	

PACKAGING:	425 lb unlined titehead drum 50 lb plastic jerrican with tamper proof lid
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APPLICATIONS:	Carrier and solubilizer in Nutritional applications. Emollient, solubilizer, viscosity modifier, and mineral oil replacement for personal care applications. Recommended for creams, lotions, color cosmetics, sun care, and hair care products.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Retest after 18 months from date of manufacture. Store in well-closed containers in a dry location at ambient temperature.
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OTHER:	Captex 100 is an excellent skin emollient and produces a smooth, nongreasy, powdery after-feel with shine. Due to its excellent solvency, it works exceptionally well as a substitute for mineral oil in cosmetic makeup-remover formulas. Because of its unique properties, viscosity and miscibility with other cosmetic components, the 100 offers advantages in sun care and hair care products where spreadability and shine are desired. The non-oily character, excellent stability, bland taste and neutral odor make this product an ideal choice as a solubilizer and carrier of vitamins, colors and flavors for selected pharmaceutical and nutritional formulations or processing aids such as pan and mold release agents. Certifications: Kosher and Halal
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