

UNIOLEO FA C0810H

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Technical Data Sheet

CAPRYLIC/CAPRIC ACID
SPEC CODE : F0810-02

Version: 1509/1501

Appearance:	Liquid product with light colorless liquid.		
PARAMETER	RANGE	TYPICAL VALUE	METHOD
Acid Value (mgKOH/g)	354 - 367	363	AOCS Te 1a-64
Saponification Value (mgKOH/g)	355 - 368	364	AOCS TI 1a-64
Moisture (%)	≤ 0.2	0.08	AOCS Tb 2-64
Iodine Value (g I ₂ /100 g)	≤ 0.5	0.14	AOCS Tg 1a-64
Titer (°C)	Ca 5	4.2	AOCS Tr 1a-64
Colour (Lovibond 5 ¼")	≤ 0.5R 2.0Y	0.2R 0.8Y	AOCS Cc 13e-92
Unsaponifiable Matter (%)	≤ 0.5	0.2	AOCS Tk 1a-64
Heat Stability (2 hours 205°C, N ₂)	≤ 25 (10R+Y)	20	AOCS Td 3a-64
Chain Distribution (%)			
C6	≤ 0.5	0.2	
C8	55 - 61	56.0	
C10	38 - 44	43.6	ISO 5508/ ISO 5509
C12 and higher	≤ 0.5	0.2	
Packing	Liquid in Isotank/drums.		
Storage	Product stored in the original closed packaging (drum) or in stainless steel storage tank under recommended condition (maximum 30°C, with Nitrogen blanketing). Product stable at least 2 years after manufacturing date.		
Country of Origin	INDONESIA		
HS CODE	3823.19.90.00		
CAS NO	68937-75-7		
EINECS NO	273-086-2		

PRIMARY APPLICATION:

Food Additives:	Intermediate to make MCT (Medium Chain Triglycerides).
Lubricants & Grease:	Used in the Manufacture of Synthetic Lubricants, Hydraulic Fluids and Refrigerant Lubricant. Acts as a Corrosion and Rust Inhibitor in Antifreeze.
Others:	Solubilizers for Mineral Oils and Gas: Flotation Aid.

