

# UNIOLEO FA C1218HK

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## Technical Data Sheet

LOW IV C<sub>12-18</sub> FATTY ACID  
 SPEC CODE : F1218-04

Version: 605/1501

<b>Appearance:</b>	Liquid at 50°C free from visible contamination.		
<b>PARAMETER</b>	<b>RANGE</b>	<b>TYPICAL VALUE</b>	<b>METHOD</b>
Acid Value (mgKOH/g)	251 - 260	257	AOCS Te 1a-64
Saponification Value (mgKOH/g)	252 - 261	258	AOCS TI 1a-64
Moisture (%)	≤ 0.2	0.08	AOCS Tb 2-64
Iodine Value (g I <sub>2</sub> /100 g)	≤ 1.0	0.2	AOCS Tg 1a-64
Titer (°C)	28 - 33	29.5	AOCS Tr 1a-64
Colour (Lovibond 5 ¼")	≤ 0.5R 2Y	0.1R 0.8Y	AOCS Cc 13e-92
Unsaponifiable Matter (%)	≤ 1.0	0.3	AOCS Tk 1a-64
<b>Chain Distribution (%)</b>			
≤ C10	≤ 1	0.2	
C12	50 - 62	55.2	
C14	15 - 26	24.5	ISO 5508/ ISO 5509
C16	8 - 14	10.0	
C18	7 - 14	10.1	
C18:1	≤ 1	0.0	
<b>Packing</b>	Liquid in Isotank.		
<b>Storage</b>	Product in bulk, stored under recommended condition. Product stable at least 1 year after manufacturing date.		
<b>Country of Origin</b>	INDONESIA		
<b>HS CODE</b>	3823.19.90.00		
<b>CAS NO</b>	143-07-7 (Lauric Acid), 544-63-8 (Myristic Acid), 57-10-3 (Palmitic Acid), 57-11-4 (Stearic Acid)		
<b>EINECS NO</b>	205-582-1 (Lauric Acid), 208-875-2 (Myristic Acid), 200-312-9 (Palmitic Acid), 200-313-4 (Stearic Acid)		

### PRIMARY APPLICATION:

**Soap & Detergents** Acts as a surfactant, Cleansing agent, Emulsifier, Foam Booster, Degreaser.

**Personal Care & Toiletries:** Cleansing Agent, Conditioner, Emulsifiers, and Foam Booster in Soaps, Bath & Hair Care products and Emulsifier for Facial Creams & Lotions.



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