

## 1. DESIGNATION

Chemical name	:	MEDIUM CHAIN TRIGLYCERIDES
CAS No.	:	73398-61-5
EC no.	:	277-452-2
Nutrition status	:	f - Fit for use in foodstuffs
Qualifications	:	GRAS (self affirmation); RSPO (available on request); Pharma type; Kosher; Halal

## 2. SPECIFICATIONS

<u>CHARACTERISTICS (CoA)</u>		<u>UNITS</u>	<u>VALUES</u>	<u>METHODS</u>
Acid Value		mgKOH/g	≤ 0.1	AOCS Cd 3d-63
Iodine Value		gI <sub>2</sub> /100g	≤ 0.5	Oleon OA-020
Saponification Value		mgKOH/g	335 - 355	AOCS Cd 3-25
Water		%(m/m)	≤ 0.1	AOCS Ca 2e-84
APHA		None	≤ 60	AOCS Td 1b-64
Hydroxyl Value		mgKOH/g	≤ 5	Oleon OA-081
Unsaponifiables		%(m/m)	≤ 0.3	AOCS Ca 6b-53
Fatty acid composition	C 6	%(m/m)	≤ 1	AOCS Ce 1-62
	C 8		65 - 75	
	C10		25 - 35	
	C12		≤ 2	

<u>CHARACTERISTICS (guaranteed)</u>				
Ester bound 3-MCPD		mg/kg	≤ 2	AOCS Cd 29b-13
Ester bound glycidol		mg/kg	≤ 1	AOCS Cd 29b-13

<u>PROPERTIES (indicative values)</u>				
Cloud Point		°C	ca. -12	AOCS Cc 6-25
Appearance at Room temperature		None	oily liquid	
Colour		None	colourless	
Flash Point		°C	>150	ASTM D92
Refractive Index (20°C)		None	ca. 1.448	AOCS Cc 7-25
Specific weight	at 20°C	kg/m <sup>3</sup>	ca. 945	
Kinematic viscosity	at 40°C	mm <sup>2</sup> /s	ca. 14	

## 3. PROVISIONS

### STANDARD PACKAGING

Bulk (RTC, as liquid).  
Drums.

### TOTAL SHELF LIFE

2 years for packed products.

### **COMPLIANCY NOTICE**

Complies with the relevant product monograph of the European Pharmacopoeia.

### **SAFETY & REGULATORY DATA**

Please refer to the relevant Safety Data Sheet for more information.

### **STORAGE RECOMMENDATIONS**

Keep packaging unopened and undamaged.

Store at room temperature in a clean and aerated place.

### **NUTRITIONAL INFORMATION**

	<b>UNITS PER 100G</b>	<b>VALUES</b>
Total energy	kJ	2850
Total energy	kcal	680
Total fat	g	100
Monounsaturated	g	0
Polyunsaturated	g	0
Saturated	g	100
Trans fatty acids	g	≤ 1
Total carbohydrate	g	0
Lactose	g	0
Starch	g	0
Sucrose	g	0
Total sugars	g	0
Proteins	g	0
Alcohol (ethanol)	g	0
Ashes	%	≤ 0,1
Cholesterol	mg	0
Dietary Fibres	g	0
Moisture	%	≤ 0,1
Salt		≤ 1250
Calcium	mg	≤ 500
Potassium	mg	≤ 500
Sodium	mg	≤ 500