

IDENTIFICATION	
Product name	Refined rapeseed oil (low erucic acid content)
Composition	100% rapeseed
Seed origin	European Union (mainly France)
France origin	To be specified in the sales contract
Additive	None
Processing	Refined oil, no hydrogenation or ionisation
Production site	CHAMPLOR SAIPOL SAS ZI de Baleycourt 55100 VERDUN - FRANCE

GENERAL INFORMATION	
FSSC 22000 certification	
2BSXtra certification	To be specified in the sales contract
Kosher certification	To be specified in the sales contract
Halal compliance	Certificate available upon request

ORGANOLEPTIC CHARACTERISTICS	
Texture	Liquid at 20°C
Taste - smell	Neutral
Lovibond colour 5 1/4"	< 1.5 R/ 20 Y

FATTY ACID COMPOSITION*			
Fatty acid	Carbon	Limits (%)	Methods
Myristic	C14 :0	≤ 0.2	Analysis by gas chromatography – NF EN ISO 5508 / 5509
Palmitic	C16 :0	2.5 - 7.0	
Palmitoleic	C16 :1	≤ 0.6	
Stearic	C18 :0	0.8 - 3.0	
Oleic	C18 :1	51.0 - 70.0	
Linoleic	C18 :2	15.0 - 30.0	
Linolenic	C18 :3	5.0 – 14.0	
Arachidic	C20 :0	0.2 - 1.2	
Gadoleic	C20 :1	0.1 - 4.3	
Behenic	C22 :0	≤ 0.6	
Erucic	C22 :1	≤ 2.0	
Lignoceric	C24 :0	≤ 0.3	

PHYSICO-CHEMICAL CHARACTERISTICS			
Criteria	Units	Limits	Methods
Density (20°C)	* g/mL	0.914 -0.920	ISO 6883
Refractive index	* n ⁴⁰ _D	1.465 – 1.467	ISO 6320
Saponification index	* mg KOH/ g	182 - 193	AOCS Cd 3-25
Iodine index	* g I ₂ / 100 g	105 -126	ISO 3961
Moisture content	% g/100 g	≤ 0.2	ISO 662
Free acidity (oleic acid)	% m/m	≤ 0.1	ISO 660
Soap content	mg/kg	≤ 5	ISO 10539
Peroxide value (at plant departure)	meq O ₂ / kg	≤ 1	ISO 3960
Total phosphorus	* mg/kg	≤ 5	ICP
Unsaponifiable matter	* g/kg	≤ 20	ISO 3596

AVERAGE NUTRITIONAL VALUES (per 100 g)		
Criteria	Units	per 100 g
Energy	kJ kcal	3700 900
Proteins	g	0
Carbohydrates	g	0
Salt	g	0
Fats	g	100
Saturated fatty acid	g	5 -11
Monounsaturated fatty acids	g	56 -70
Polyunsaturated fatty acids	g	26 -35
Total trans fatty acids	g	< 1

REGULATORY REQUIREMENTS			
The refined rapeseed oil complies with applicable European regulations.			
Allergens	Contains no substances requiring allergen labelling under EU Regulation 1169/2011 and amendments.		
GMO status	Produced from conventional raw materials; not subject to labelling under Regulations (EC) 1829/2003 and 1830/2003.		
PESTICIDE RESIDUES	Units	Maximum levels	Maximum residue limits according to Regulation (EC) 396/2005
Organochlorines	mg/kg	MRL	
Organophosphates	mg/kg	MRL	
Pyrethroid	mg/kg	MRL	
Contaminants	Units	Maximum levels	EU Regulation 2023/915
Erucic acid	g/kg	20.0	
Lead	mg/kg	0.10	
Dioxins and PCBs			
Sum of dioxins (WHO-PCDD/F-TEQ)	pg/g	0.75	
Sum of dioxins and dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ)	pg/g	1.25	
Sum of 6 indicator PCBs	ng/g	40	
PAHs (Polycyclic Aromatic Hydrocarbons)			
Benzo[a]pyrène BaP	µg/kg	2.0	
Sum of BaP, chrysene, benzo[a]anthracene, and benzo[b]fluoranthene (PAH4)	µg/kg	10.0	
3-monochloropropanediol (3-MCPD) and its fatty acid esters (expressed as 3-MCPD)	µg/kg	1250	
Glycidyl fatty acid esters	µg/kg	1000	
Melamine	µg/kg	2.5	
Mineral oils	Unit	Maximum level	Maximum level according to European Commission – Standing Committee ScoPAFF, 21/04/2022
Mineral oil aromatic hydrocarbons (MOAH)	mg/kg	2	

MICROBIOLOGY

Refined oil, as an anhydrous product, does not support bacterial growth.

STORAGE

Minimum Durability Date (MDD)	1 month from the date of shipment
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Specific storage conditions	Store protected from light and air, at a temperature below 25°C
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The product shelf life may be extended by the customer if they consider that storage conditions upon receipt are optimal, provided that they assume full responsibility.	
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The data contained in this non-contractual document are provided for informational purposes only and therefore do not engage the liability of CHAMPLOR SAIPOL SAS.