

Natural oil extracted from the seeds of Blackcurrant (*Ribes nigrum*) seeds by mechanical cold pressing, filtering and subsequent dutch refined, bleached, deodorised and winterized. A yellowish slightly hazy oil, typical in taste and smell. Natural oil free of antioxidants, colorants, colorings, flavorings, foreign substances, preservatives, solvents or stabilizers.

Ingredients	Blackcurrant seeds (<i>Ribes nigrum</i>)		
INCI	Ribes Nigrum Seed Oil		
CAS#	68606-81-5 / 97676-19-2		
EC#	271-749-0 / -		
REGULATION			
Product offered in accordance with REGULATION (EC) No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 November 2009 on cosmetic products.			
PROPERTIES AND APPLICATIONS			
Cosmetics	Emollient Skin conditioning		
PYSICOCHEMICAL		MICROBIOLOGY	
Moisture	≤ 0.1 %	Total Viable count**	≤1000 ufc/g
Acid Value	≤ 1.0 mg KOH/g	Yeast & moulds **	≤100 ufc/ml
Peroxide Value	≤ 3.0 meq/Kg	Salmonella**	No detectable ufc/25g
Anisidine value*	≤ 20.0	Staphylococcus aureus**	No detectable ufc/ml
Totox value	≤ 25.0	E. Coli**	No detectable ufc/ml
Saponification Value*	185 – 195 mg KOH/g		
Unsaponifiable matter*	≤ 2.5 %		
Refractive Index 20°C*	1.478 - 1.482		
Specific Gravity 20/20°C*	0,920 – 0,930 g/ml		
Colour	≤ 8 Gardner		
FATTY ACIDS			
Saturated fatty acids of chain length less than C16	≤ 0.3 %		
C 16:0 Palmitic	5.0 – 8.0 %		
C 18:0 Stearic	1.0 - 3,0 %		
C 18:1 Oleic	8.0 – 16.0 %		
C 18:1 Cis-vaccenic	≤ 1.0%		
C 18:2 Linoleic	43.0 – 50.0 %		
C 18:3 Alpha Linolenic	12.0 – 16.0 %		
C18:3 Gamma Linolenic	> 14 %		
C 18:4 Stearidonic	> 2.0 %		
Others	≤ 5,0 %		
HANDLING			
Packaging	Metal drums 25 Kg – 200Kg		
Storage	Store in a cool and dry place, in original sealed packaging away from sources of light, heat or air. After use, seal hermetically to avoid oxidation.		
Shelf Life	At least 24 months under the above storage conditions.		
ADDITIONAL			
Natural product coming from vegetable origin and does not get in contact with any animal material during manufacturing, storage and transportation. The product is GMO free and therefore not subject to the requirements of regulation (EC) 1829/2003 and regulation (EC) 1830/2003. No irradiated materials were used; nor ionizing ones. The product itself was not irradiated. The product is in accordance with the corresponding European Regulation on pesticides and contaminants for this product.			

* These parameters are tested 3 times a year on a random batch / ** These parameter are tested annually on a random batch