



ChemX Omega 3 Oil

Technical Data Sheet

Product Description

ChemX Omega-3 Oil is a special blend, with very high content of omega-3 fatty acids. It is made from cold pressed vegetable oils and designed particularly for cosmetic applications. It has an excellent balance of useful fatty acids (omega-6 and omega-3 fatty acids). Herbal extracts are responsible for its unique oxidative stability. It is very effective in adding nourishment to the skin and its use is highly recommended in many skincare applications.

INCI Name and CAS No.

INCI Name:	CAS No.:	EC/EINECS No.:
Brassica campestris seed oil	8002-13-9 / 90989-79-0	232-299-0 / 292-737-1
Linum Usitatissimum seed oil	8001-26-1	232-278-6

Specifications

Appearance:	Yellow
Odor:	Neutral
Iodine Value (g I ₂ /100 g):	125 - 150
Free Fatty Acid (% oleic acid):	Max. 1.5
Peroxide Value (meq/kg):	Max. 5.0
Ratio of Omega-6 to Omega-3:	Max. 1.0
Total Unsaturated fatty acid:	Min. 86%
Total Mono unsaturated fatty acids:	Min. 43%
Total Poly unsaturated fatty acids:	Min. 43%

Variations in the composition are due to climatic and geographical influences.

Use in Cosmetics

ChemX Omega-3 Oil is a very nutritional oil blend; derived from cold pressed vegetable oils. It is easy to use within cosmetic formulations and makes a very attractive emollient in cosmetic applications. It contains very high percentage of essential fatty acids, which nourishes your skin from inside, giving it a healthy glow. It also acts as a re-fattening agent with good water binding properties.

Furthermore, it has an excellent balance of omega-6 and omega-3 fatty acids and contains herbal extracts which endows the essential fatty acids with oxidative stability. These unique properties of ChemX Omega-3 Oil has made it a much coveted ingredient for all skin care applications. The applicational areas of this product include baby care products, skin care products, massage cremes, makeup etc.

Storage

Keep in a cool (preferably below 10 °C, the cooler the better), dark and dry storeroom.

Shelf Life

Under optimal storage conditions, in original unopened drums/containers, minimum one year.

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