

LIPEX® Omega 3/6™

Product number(s) | Site(s) of manufacturing

8628 | AAK-SE

Version

02

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Description

LIPEX® Omega 3/6™ is a mixture of refined, bleached and deodorised vegetable oils, carefully selected to obtain an optimised amount of polyunsaturated fatty acids with respect to oxidative stability. It contains linoleic and linolenic acids in a healthy proportion for topical application, and high levels of natural tocopherols. LIPEX® Omega 3/6™ is a clear liquid at room temperatures.

INCI: Olus Oil (and) Camelina Sativa Seed Oil (EU), Vegetable Oil (and) Camelina Sativa Seed Oil (US)

EINECS number: 273-313-5 (and) 273-313-5, CAS number: 68956-68-3 (and) 638132-02-2

Application

LIPEX® Omega 3/6™ is designed for use in cosmetic and dermatological applications, mainly for sensitive skin and baby care. It can be used as an emollient and moisturiser both in emulsions and in anhydrous products.

Specifications

Colour 5 1/4" Red	Max 2,0	AOCS Cc 13j-97
Acid value (mg KOH/g)	Max 0,5	IUPAC 2.201(m)
Peroxide value (meq/kg)	Max 1,0	AOCS Cd 8b-90(m)
Iodine value Wijs	94 - 100	IUPAC 2.205
Fatty acid composition		IUPAC 2.304
C18:2 (%)	11 - 18	
C18:3 (%)	1,5 - 3	

Typical values

Unsaponifiable matter (%)	1	AOCS Ca 6a-40
Saponification Value (mg KOH/g)	190	IUPAC 2.202
Hydroxyl value (mg KOH/g)	5	AOCS Cd 13-60(m)
Density 25°C (g/cm ³)	0,91	Electronic density meter
Refractive index 60°C	1,456	Automatic Refractometer
Oil stability index 110°C (h)	19	AOCS Cd 12b-92(m)
Fatty acid composition		IUPAC 2.304
C16:0 (%)	4	
C18:0 (%)	4	
C18:1 (%)	70	
C18:2/C18:3	7	

Packaging

Drum 185 kg, plastic can 9 kg

Above product is produced according to relevant national legislation. Specified values are guaranteed by AAK at the time of manufacture. As the specific application is beyond our control, users should conduct their own tests to assure the suitability of the product for a specific application.



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Storage

LIPEX® Omega 3/6™ should be stored in dark, dry and odour free conditions. Recommended storage temperature is 15-20°C or below.

Shelf life

When stored in unopened original container according to recommended storage conditions, the recommended maximum storage time is in drums two years and in plastic cans one year from the production date. Within this time LIPEX® Omega 3/6™ fulfils the shelf life specification.

Shelf life specification

Peroxide value (meq/kg) max 5

Acid value max 1.0

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