

LIPEX® 512

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

8552 | AAK-SE

Version

01

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Description

LIPEX® 512 is a cosmetic ingredient derived from high quality fruits from the shea tree (*Butyrospermum parkii*). LIPEX® 512 contains a relatively high amount of unsaponifiable matter and is processed to be very light in colour.

INCI: Butyrospermum Parkii Butter (EU), Butyrospermum Parkii (Shea) Butter (US),
EC number: 293-515-7, CAS number: 194043-92-0.

Application

LIPEX® 512 with high amount of unsaponifiables, melting point around body temperature and simple crystallisation pattern is easy to use in various emulsions and anhydrous products. LIPEX® 512 finds application in stick products, creams and lotions, and sun-care 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	64 - 72	IUPAC 2.205

Typical values

Unsaponifiable matter (%)	8	AOCS Ca 6a-40
Saponification Value (mg KOH/g)	183	IUPAC 2.202
Density 50°C (g/cm ³)	0,89	Electronic density meter
Slip melting point (°C)	34	AOCS Cc 3-25
Refractive index 60°C	1,459	Automatic Refractometer
Oil stability index 110°C (h)	45	AOCS Cd 12b-92(m)

Packaging

Cartons of 25 kg

Storage

LIPEX® 512 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 two years from the production date. Within this time LIPEX® 512 fulfils the shelf life specification.

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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Shelf life specification

Peroxide value (meq/kg) max 5

Acid value max 1.0

Other information

For additional information about ecological data, shelf life etc see Product Documentation.

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