

LIPEX® 205

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

8546 | AAK-SE

Version

02

Document date

2024.02.22

Print date

2024.02.22

Page

1 / 2

Description

LIPEX® 205 is a liquid cosmetic ingredient composed of refined, fractionated and deodorised vegetable oil taken from the fruit of the Shea tree (*Butyrospermum parkii*). LIPEX® 205 contains a relatively high level of unsaponifiables.

Appearance: A pale yellow, cloudy liquid with a neutral vegetable oil odour.

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

Application

LIPEX® 205 is especially prepared for cosmetic and dermatological applications. LIPEX® 205 finds application in skin care preparations, sport creams, and sun-care products. It is favourably used for dry skin conditions and very much appreciated for an excellent skin feel and good emollient effect.

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	70 - 80	IUPAC 2.205

Typical values

Unsaponifiable matter (%)	8	AOCS Ca 6a-40
Saponification Value (mg KOH/g)	183	IUPAC 2.202
Density 25°C (g/cm ³)	0,92	Electronic density meter
Slip melting point (°C)	16	AOCS Cc 3-25
Cloudpoint (°C)	8	ASTM D97 SS-EN 23015(m)
Pourpoint (°C)	9	ASTM D97 SS-ISO 3016(m)
Refractive index 60°C	1,461	Automatic Refractometer
Oil stability index 110°C (h)	15	AOCS Cd 12b-92(m)
Fatty acid composition		IUPAC 2.304
C16:0 (%)	5	
C18:0 (%)	28	
C18:1 (%)	56	
C18:2 (%)	9	
C18:3 (%)	0,3	
C20:0 (%)	1	
C22:0 (%)	1	

Packaging

185 kg drums and plastic cans of 9 kg, pallets of 60 x 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.



LIPEX® 205

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

8546 | AAK-SE

Version

02

Document date

2024.02.22

Print date

2024.02.22

Page

2 / 2

Storage

LIPEX® 205 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 in drums is two years and in plastic cans one year from the production date. Within this time LIPEX® 205™ fulfils the shelf life specification.

Shelf life specification

Peroxide value (meq/kg) max 5

Acid value max 1.0

Colour (red) max 3

Other information

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

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.

