

LIPEX® SheaSolve™

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Description

LIPEX® SheaSolve™ is an eco-friendly multifunctional shea-derived emollient ester, which offers wetting, dispersing and solubilising properties to solve difficult application challenges such as in sun care. Its low viscosity, high polarity and good solubilising properties allow Lipex SheaSolve to be combined with a variety of other ingredients for functional use across a wide range of cosmetic applications and formats.

INCI-name: Shea butter ethyl esters
CAS-number: 1456887-14-1
EINECS-number: 940-683-0
REACH number:01-2120057100-75-0000

Appearance: A clear, slightly yellow liquid with a characteristic odour.

Regulatory information for China:
ETHYL OLEATE(油酸乙), CAS 111-62-6
ETHYL STEARATE(油酸乙), CAS 111-61-5
ETHYL LINOLEATE(油酸乙), CAS 544-35-4
ETHYL PALMITATE(棕酸乙), CAS 628-97-7
BUTYROSPERMUM PARKII BUTTER UNSAPONIFIABLES(牛油果)BUTYROSPERMUM PARKII (果脂不皂化物)
CAS 225234-14-0

Application

Cosmetic ingredient for skin care (emollient)

Specifications

Colour 5 1/4" Red	Max 2,0	AOCS Cc 13j-97
Acid value (mg KOH/g)	Max 1,0	IUPAC 2.201(m)
Peroxide value (meq/kg)	Max 5,0	AOCS Cd 8b-90(m)
Iodine value Wijs	63-75	IUPAC 2.205

Typical values

Unsaponifiable matter (%)	7	AOCS Ca 6a-40
Saponification Value (mg KOH/g)	175	IUPAC 2.202
Density 25°C (g/cm3)	0,87	Electronic density meter
Slip melting point (°C)	10	AOCS Cc 3-25
Viscosity @ 20 °C (mPas)	15	Höppler 20C
Viscosity @ 40 °C (mPas)	11	Höppler 40C

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® SheaSolve™ 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 18 months in drums and 12 months in plastic cans from the production date. Within this time LIPEX® SheaSolve™ fulfils the shelf life specification.

Shelf life specification

Peroxide value (meq/kg) max 8

Acid value max 1.5

Other information

For handling instructions see Product documentation.

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