



## SABODERM OS

**INCI Name:** ETHYLHEXYL STEARATE

**CAS Number:** 22047-49-0

**Polarity:** Medium

**Spreadability:** Medium

**Density 20°C:** 0,8500 - 0,8600 g/cm<sup>3</sup>

**Refraction index 20°C:** 1,4440 - 1,4490

**Cloud point:** < 8°C

**HLBr:** approx. 8

### General Information

Saboderm OS is a traditional medium viscous oil with good spread ability. It is universally used in cosmetics due to the fact that is easy miscible with other cosmetic oils and fats.

Saboderm OS is used as an oil component for emulsions, bath oils and as a solvent for active substances in cosmetics.

It leaves a non-greasy but water resistant film on the skin, an effect often seen with the use of lipstick

### Property

- It gives a soft and smooth appearance to skin
- Low occlusivity
- Stable to oxidation
- Cushiony after-feel, enhances hair sheen

### Applications

- Creams and lotions
- Body oils
- Bath additives, skin cleansers, shampoos and conditioners
- Make up, lipstick

### Use level

2-10%

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## Regulatory information

See DATA SET document for further information

## Safety and toxicology

SEE MSDS and DATA SET document for further information

## Guideline Formulations

### Age Spots Correcting Serum (Cod. ACS121115S)

#### Technical Application Sheet

#### Ingredients and functions

Product Name	INCI	%	Function
Phase I		<b>20,5000</b>	
SABOWAX GMS SE	Glyceryl Stearate SE	4,0000	O/W Emulsifier
STEARINA VEGETALE SCAGLIE	Stearic Acid, Palmitic Acid	1,5000	O/W Emulsifier
SABODERM CV	Coco Caprylate	1,0000	Emollient
SABODERM OS	Ethylhexyl stearate	3,0000	Emollient
SABODERM IS	Isostearyl Isostearate	1,0000	Emollient
ETHYLEXYL METHOXYCINAMMATE	Ethylhexyl methoxycinnamate	6,0000	UVB Filter
DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE	Diethylamino hydroxybenzoyl hexyl benzoate	4,0000	UVA Filter
Phase II		<b>72,6600</b>	
WATER DEMIN.	Aqua	59,4600	Solvent
GLICERINA 99,5	Glycerin	12,0000	Solvent Humectant
SABOFLOW SAT	Sodium Acrylate and Sodium Acryloyldimethyl Taurate Copolymer	1,2000	Emulsifying Polymer Rheology Modifier
Phase III		<b>6,8400</b>	
ANTI-AGE SPOTS ACTIVE	Maltodextrin, Sucrose Dilaurate, Sodium Cocoyl Glutamate, Pisum Sativum (Pea) Extract	1,0000	Active
MOISTURISING AGENT	Water, Glycerin, Trehalose, Urea, Serine, Pentylene Glycol, Glyceryl Polyacrylate, Algin, Caprylyl Glycol, Sodium Hyaluronate, Pullulan, Disodium Phosphate, Potassium Phosphate	2,0000	Active
VITAMIN E ACETATE	Tocopheryl acetate	0,5000	Active
PARFUM	Parfum	0,2000	Perfume
MAYS STARCH	Zea Mays starch	2,0000	Texturizer
CI 14700	CI 14700	0,0500	Colorant
PRESERVATIVE	Phenoxyethanol, Ethylhexylglycerin	1,0900	Preservative
<b>Total</b>		<b>100,0000</b>	

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## Professional Conditioner (Cod. PC210116-484B)

### Technical Application Sheet

#### Ingredients and functions

Name Product	INCI	%	Function	Notes
<b>Phase I</b>		<b>7,6000</b>		
SABOWAX B 25	Beheneth-25	1,0000	O/W Emulsifier	
SABONAL C1618 30/70	Cetearyl Alcohol	5,0000	Consistency Factor	
SABODERM OS	Ethylhexyl Stearate	1,6000	Emollient	
<b>Phase II</b>		<b>91,4000</b>		
GLICERINA 99,5	Glycerin	2,0000	Solvent Humectant	
SABOQUAT CTA	Cetrimonium Chloride	4,0000	Conditioning agent	
WATER, DEMIN.	Aqua	85,4000	Solvent	
<b>Phase III</b>		<b>1,0000</b>		
PRESERVATIVE	Preservative	1,0000	Preservative	
<b>Total</b>		<b>100,0000</b>		

Review N°02

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