



SABODERM DBA

INCI Name: DIBUTYL ADIPATE

CAS Number: 105-99-7

Polarity: High

Spreadability: Fast

Density 20°C: 0,958 - 0,962 g/cm³

Refraction index 20°C: 1,432-1,437

General Information

Saboderm DBA is fast spreading emollient for cosmetic applications.

Property

It's particularly used in sun care formulations due to its solubilizing capacities for crystalline UV filters. Saboderm DBA softens synthetic polymers by reducing brittleness and cracking. It also acts as lubricant on the skin surface, which gives the skin a soft and smooth appearance, and as a solvent that is used to dissolve other substances.

Good skin compatibility.

Applications

- Sun & Skin care

Use level

2-30%

Sun filter solubility at 25°C

- Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine: **10%**
- Butyl methoxydibenzoylmethane: **17-18%**
- Diethylamino Hydroxybenzoyl Hexyl Benzoate: **31%**
- 4-Methylbenzylidene Camphor: **28%**
- Benzophenone-3: **29%**
- Diethylhexyl butamido triazone: **31%**
- Ethylhexyl triazone: **16%**

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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

Sun Protective Spray SPF 30 (Cod. SPS131017S)

Technical Application Sheet

Ingredients and functions

Product Name	INCI	%	Function	Notes
Phase I		65,0300		
SABODERM AB	C12-15 Alkyl Benzoate	23,0000	Emollient	
SABODERM DBA	Dibutyl Adipate	5,0000	Emollient	
SABODERM TCC	Caprylic/Capric Triglyceride	7,0000	Emollient	
SABOMEL-A	Pyrus Malus (Apple) Seed Oil, Coco-Caprylate, Caprylic/Capric Triglyceride	2,0000	Active Emollient	
-	Cyclopentasiloxane	2,0000	Emollient	
-	Ethylhexyl Methoxycinnamate	10,0000	UV-B Filter	
-	Diethylamino hydroxybenzoyl hexyl benzoate	10,0000	UV-A Filter	
-	Bis-ethylhexyloxyphenol methoxyphenyl triazine	3,5000	UV-A + UV-B Filter	
-	Ethylhexyl triazone	2,0000	UV-B Filter	
-	Pentaerythrityl tetra-di-t-butyl hydroxyhydrocinnamate	0,0300	Antioxidant	
-	Hydrogenated Dimer Dilinoleil Dimethylcarbonate Copolymer	0,5000	Water resistant polymer	
Phase II		34,9700		
Ethyl Alcohol 96°	Alcohol	33,9700	Conditioner	
Parfum	Parfum	0,8000	Fragrance	
Vitamine E Acetate	Tocopheryl Acetate	0,2000	Antioxidant	
Total		100,0000		

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Hair Sunscreen Spray (Cod. HSS30-556OC03)

Technical Application Sheet

Ingredients and functions

Product Name	INCI	%	Function	Notes
Phase I		100,0000		
Saboderm OP	Ethylhexyl Palmitate	10,0000	Emollient	
Saboderm AB	C12-15 Alkyl Benzoate	47,0000	Emollient	
Saboderm DBA	Dibutyl Adipate	15,0000	Emollient	
Saboderm CV	Coco-Caprylate	10,0000	Emollient	
Ethylhexyl methoxycinnamate	Ethylhexyl methoxycinnamate	8,5000	UV-B Filter	
Diethylamino hydroxybenzoyl hexyl benzoate	Diethylamino hydroxybenzoyl hexyl benzoate	6,0000	UV-A Filter	
Bis-Ethylhexyloxyphenol Methoxyphenyl triazine	Bis-Ethylhexyloxyphenol Methoxyphenyl triazine	2,5000	UV-A + UV-B Filter	
Vitamin E	Tocopherol	1,0000	Antioxidant	
Total		100,0000		

Review N°02

Date of review: 06/02/2018

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