

Gentle Sparkling After Sun Lotion, Cold Processable and PEG-free

B 60/100

Type: PEG-free lotion containing Rice Oil, moisturizers and healing activators

Appearance: White lotion

Formulation:

Ingredients:	INCI:	
RICE OIL	(Oryza Sativa Bran Oil)	2.0 %
Antioxidant ¹	(...)	q.s.
Cosmacol EMI ²	(Di-C12-13 Alkyl Malate)	4.0 %
M.O.D ³	(Octyldodecyl Myristate)	2.0 %
Finsolv TN ⁴	(C12-15 Alkyl Benzoate)	2.0 %
Timiron Sparkle MP-47	(Mica, CI77891 (Titanium Dioxide))	1.0 %
Fatty alcohol C12-14	(Lauryl Alcohol)	0.5 %
Carbopol ETD 2020 ⁵	(Acrylates/C10-30 Alkyl Acrylate Crosspolymer)	0.6 %
Aloe barbadensis (Concentrate gel 10:1)	(Aloe Barbadensis)	2.0 %
α -Bisabolol ⁶	(Bisabolol)	0.1 %
D-Panthenol	(Panthenol)	0.4 %
Hydroviton 24 ⁷	(Aqua (Water), Pentylene Glycol, Glycerin, Sodium Lactate, Lactic Acid, Serine, Urea, Sorbitol, Sodium Chloride, Allantoin)	2.0 %
dl- α -Tocopherol ⁸	(Tocopherol)	0.1 %
PROTELAN AGL 95/C	(Sodium Cocoyl Glutamate)	6.0 %
Merquat plus 3330 ⁹	(Polyquaternium-39)	0.3 %
Perfume	(Parfum (Fragrance))	0.5 %
Preservative	(...)	q.s.
Water	(Aqua (Water))	76.5 %

Manufacturing process:

Mix the above mentioned oil components with Timiron Sparkle MP-47 and Carbopol ETD 2020 to a homogeneous dispersion. Add the other components in the indicated sequence, stir to homogeneity and homogenize directly.

Adjust the pH value to approx. 6.0 and homogenize again.

Hint:

The formulation can also be manufactured without pearlescent pigments, in this case water content must be adjusted.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions, they can serve only as a guide, and are therefore offered without obligation. We ask that the possible rights of third parties are observed.

Supplier:

¹ www.merck.de; e.g.: OxyneX K liquid

² www.sasol.com

³ www.gattefosse.com

⁴ www.finetexinc.com

⁵ www.noveon.de

⁶ www.basf.de

⁷ www.dsm.com

⁸ www.symrise.com

⁹ www.nalco.com/cosmetics

