

Elementis Specialties, Inc.
P.O. Box 700, Wyckoffs Mill Rd.
Hightstown, NJ 08520
Tel.: +1-609-443 2500
Fax: +1-609-443 2422
specialinfo.usa@elementis-na.com
Web: www.elementis-specialties.com

Elementis Specialties
PEGASUSPARK
De Kleetlaan 12 a, bus 3
1831 Diegem, Belgium
Tel.: +32-2-790 76 00
Fax: +32-2-790 76 60
specialinfo.eu@elementis-eu.com

ELEMENTIS
SPECIALTIES

TEENAGE SKIN LOTION WITH BENTONE GEL® EUG V AND BENTONE® LT

RECF-143

A low viscosity oil in water lotion containing BENTONE GEL® EUG V, rheological additive and BENTONE® LT, rheological additive.

Advantages

The presence of BENTONE GEL® EUG V, rheological additive in this system:

- Provides a light and easier to apply formulation, enhancing skin feel
- Improves emulsion stability
- Reduces soaping on application

The presence of BENTONE® LT, rheological additive in this system:

- Provides aqueous phase thickening
- Improves storage stability

Ingredient	Supplier	% w/w
PHASE A		
Propylene Glycol		5.0
Allantoin	A&E Connock	0.2
PHASE B		
BENTONE® LT (Hectorite and Hydroxyethylcellulose)	ELEMENTIS Specialties	1.2
Deionised Water		69.0
PHASE C		
BENTONE GEL® EUG V (Octyldodecanol and Disteardimonium Hectorite and Propylene Carbonate)	ELEMENTIS Specialties	2.0
Lexol PG-865 (Propylene Glycol Dicaprylate/Dicaprate)	Inolex	8.0
Helianthus Annus (Sunflower) Seed Oil	A&E Connock	6.0
Lexemul 561 (Glyceryl Stearate and PEG-100 Stearate)	Inolex	5.0
Diisopropyl Adipate	A&E Connock	2.0
PHASE D		
Witch Hazel Distillate (Hamamelis Virginiana Extract)	Dragoco	1.5
Nipaguard BPX (Phenoxyethanol and Methylparaben and Propylparaben and 2-Bromo-2-Nitropropane-1, 3-Diol)	Clariant	0.1

Method of Manufacture

1. Premix the Phase A with propeller stirring.
2. Prepare Phase B and mix using a silverson homogeniser.
3. Add Phase A to Phase B and heat to 75-80°C.
4. Heat Phase C together to 75-80°C.
5. Add Phase C to Phase A+B using a silverson homogeniser. Continue to mix until fully homogeneous.
6. Transfer to a propeller stirrer and commence cooling.
7. At 35°C add Phase D and mix.

N.B.

Please refer to the Product Data Sheets for additional advice on incorporation.

The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchases will be subject to a separate agreement which will not incorporate this document.