

Naturally Derived Emollient

BEANTREE[®]

ELINCS Number: 440-220-8

INCI Name: Methylheptyl Isostearate

- Plant derived from Castor & Rapeseed
- Low viscosity, clear liquid
- Volatile silicone like skin feel
- Broad compatability with sunscreen actives
- Elegant emolliency
- Patented
- REACH Compliant

"The Ester that Does Not Fall Far from the Tree"

ALZO International Inc.

BEANTREE® - A *Naturally* Derived Volatile Silicone Alternative

Comparable in formulations but with Incomparable extra benefits.....

Emollient Lotions (F9-36-1 & -2)		-1	-2
PRODUCT NAME	INCI	w/w%	w/w%
Phase A (20 - 25°C) Mix Until Uniform			
HETESTER® PHA	Propylene Glycol Isoceteth-3 Acetate	10.00	10.00
BEANTREE®	Methylheptyl Isostearate	15.00	
Cyclomethicone	Cyclopentasiloxane		15.00
Phase B (20 - 25°C) Disperse Until Smooth			
Water, Deionized	Water	73.70	73.70
Veegum®	Magnesium Aluminum Silicate	0.80	0.80
Keltrol®	Xanthan Gum	0.40	0.40
Phase C			
Kathon® CG	Methylchloroisothiazolinone (and) Methylisothiazolinone	0.10	0.10
TOTAL		100.00	100.00

Procedure:

1. Add "A" to "B". Mix until uniform
2. Add "C" and continue to mix until all is uniform.

Cyclomethicone

- light, dry feel
- non-oily
- evaporates quickly
- synthetically derived
- safety concerns
- processing constraints

BEANTREE

- light, dry feel
- non-oily
- absorbs quickly into skin
- **vegetable derived**
- **safe, non-sensitizing**
- **ease of handling**
- **long-lasting emolliency**
- **broad compatibility with organics**

BEANTREE: Applications

- O/W Lotions
- Bath & Shower
- Sun care
- W/O Creams
- Sticks & Solids
- Conditioners
- Lipsticks
- Make-up
- Shave Care

BEANTREE: Environmentally Friendly



CHECKING OF RAW MATERIALS CONFORMITY ACCORDING TO THE NATURAL AND ORGANIC COSMETIC STANDARDS

THIS DOCUMENT IS NOT AN ORGANIC CERTIFICATE

Raw materials containing phenoxyethanol and parabens will not be accepted any more at the end of 2008.

Company: SACI-CFPA

Application n° 1616

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If complying, this raw materials can be used in the formulation of cosmetics certified according to the ecological and organic standards. The applicant is responsible for the compliance of its products with general regulation.

BEANTREE Function: Emollient Conformity: OUI / YES

INCI: Methylheptyl Isostearate

Natural Origin : 100% Plant Ingredient : 0% Synthetic Ingredient : 0%

Comments:

Drawn up in Tiskle Jourdain, valid from 01/01/2009

Valid until 31/12/2009

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BEANTREE: Innovative Technology

United States Patent [19]

US06126951A

Fogel

Patent Number: 6,126,951
Date of Patent: Oct. 3, 2000

[54]	EMOLLIENT ESTERS BASED UPON CAPRYL ALCOHOL AND ISOSTEARIC ACID	5,476,648	12/1995	Fogel .
		5,525,588	6/1996	Michetti .
		5,620,682	4/1997	Fogel .
[75]	Inventor: Arnold W. Fogel, Upper Saddle River, N.J.	5,656,664	8/1997	O'Lenick, Jr. .
		5,658,575	8/1997	Ribier et al. .
		5,660,865	8/1997	Pedersen et al. .
[73]	Assignee: Bernel Chemical Company, Inc., Englewood, N.J.	5,674,475	10/1997	Dahms et al. .
		5,690,918	11/1997	Jacks et al. .
		5,730,893	3/1998	Wyman et al. .
		5,785,979	7/1998	Wells .
[21]	Appl. No.: 09/115,029	5,955,062	9/1999	McEleney et al. . 424/59
[22]	Filed: Jul. 14, 1998	5,961,961	10/1999	Dobkowski et al. . 424/59

BEANTREE: Typical Properties

Appearance @ 25°C

Clear Liquid

Color, APHA

50 Max.

Odor

Bland

Refractive Index @ 25°C

1.4475

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