

Dermol MBDD

An Exceptional Plant Based Polyester

INCI Name: Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer

Derived from Nature; Designed by Alzo



What it is:

- ▀ naturally polymeric emollient
- ▀ from Mango Butter & Rapeseed Oil
- ▀ high mw polyester
- ▀ viscous liquid
- ▀ REACH compliant

What it adds:

- ▀ **Hair:** substantivity, outstanding adhesion, high shine, conditioning
- ▀ **Makeup:** waterproofing, improved wear, high shine, pigment wetting
- ▀ **Skin:** softening, tack, TEWL reduction, SPF water resistance

Dermol MBDD

NATURAL ALTERNATIVE

Dermol MBDD is an effective alternative to petroleum-based Polyisobutene

Comparing Dermol MBDD to Polyisobutene

Ingredient	Viscosity (cP)	Refractive Index
Polyisobutene	18,000	1.455
Dermol MBDD	12,000	1.481

TYPICAL PROPERTIES

Appearance@ 25C	Clear viscous liquid
Odor	Typical, Mild
Color	Straw
Taste	Mild, fatty
Refractive Index:	1.4810
Soluble:	Esters, oil
Insoluble:	Silicone, water, glycols


Alzo International Inc
 Where Chemistry is Artistry

650 Jernee Mill Rd.
 Sayreville, NJ 08872
 tel: 732-254-1901
 fax: 732-254-4423
www.alzointernational.com

FORMULARY

MD1-056: Glossy MBDD Lipstick

Ingredient	INCI	W/W%
Phase A (waxes/oils)		
Beeswax white	Beeswax	10
Candelilla Wax SP75	Euphorbia Cerifera (Candelilla) Wax	6
Carnauba Wax SP63	Copernicia Cerifera (Carnauba) Wax	3
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	27
Beantree	Methylheptyl Isosterate	12
Trivent OC-G	Tricaprylin	10
Phase B (pigments)		
INBP50R27U	Red 27 Lake (and) Isononyl Isononanoate (and) etc.	14
INBP45R7C	Red 7 Lake (and) Isononyl Isononanoate (and) etc.	10
INBP50R36	Red 36 Lake (and) Isononyl Isononanoate (and) etc.	6
KoboMica S-25	Mica	2
Total		100

LF2-040: Natural Lip Balm

Ingredient	INCI	W/W%
Candelilla SP75	Candelilla Cera	5.2
Carnauba	Copernicia cerifera	3.2
Dermowax BB	Behenyl Behenate	5.2
Trivent Mango Butter	Mangifera Indica (Mango) Seed Butter	10.4
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	10.4
Dermol TISC	Triisostearyl Citrate	20.8
Beantree	Methylheptyl Isostearate	10.4
Bernel Ester TCC	Tricaprylyl Citrate	20.8
Dermol DISM	Diisostearyl Malate	8.4
Dermol DGDIS	Polyglyceryl-2 Diisostearate	5.2
Total		100.0

JD1-009 Healing Spot Repair Butter

Ingredient	INCI	W/W%
Phase A (aqueous)		
Water	Water	55.0
Dermol CG	Caprylyl Glycol	0.5
Phenoxetol	Phenoxyethanol	0.5
XG FNCSP-PC	Xanthan Gum	0.5
Dermothix 75	Disteareth-75 IPDI	3
Phase B (oils)		
Trivent Mango Butter	Mangifera Indica (Mango) Seed Butter	20
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	20
Total		100.0