

PELEMOL® D3GP

INCI: Dimer Dilinoleyl Dimer Dilinoleate (and) Propanediol Dicaprylate/Caprates (and) Polyglyceryl-3 Behenate

PELEMOL® D3GP is a new developmental mixed ester specifically targeted for use in lipstick applications. **PELEMOL® D3GP** is 100% vegetable derived functional equivalent to animal based mixed alkyl cholesterol and lanosterol based esters that are used in lipstick.

PELEMOL D3GP can be described as:

- 100% Active
- Biodegradable
- Natural – 100% vegetable derived

Trade Name: PELEMOL D3GP

COMPOSITION:

Trade Name:	PELEMOL DD	PELEMOL P-810	PELEMOL 3G22
INCI:	Dimer Dilinoleyl DimerDilinoleate	Propanediol DiCaprylate/Caprates	Polyglyceryl-3 Behenate
CAS#:	378789-58-3	1118558-49-8	1207543-50-7

Typical Properties (Not to be taken as specifications)

Appearance @ 25°C	Smooth Amorphous Paste
Color (Gardner)	Off-White
Acid Value, Mg KOH/g	2
Saponification Value, mg KOH/g	125
Melting Point °C	35°C

SOLUBILITY

SOLVENT	SOLUBILITY
WATER	i
PROPYLENE GLYCOL	i
ETHANOL 200 Proof	i
MINERAL OIL	s(w)
ISODODECANE	s(w)
ISOPROPYL MYRISTATE	s(w)
CASTOR OIL	s(w)
CYCLOMETHICONE	i
DIMETHICONE	i
ISONONYL ISONONANOATE	s(w)
PENTAERYTHRITYL TETRAETHYLHEXANOATE	s(w)

s = soluble (@ 5%) i = insoluble w = warm (50C.)

PELEMOL ® DD SAFETY

*An RIPT study (50 human subjects) has provided very favorable results for PELEMOL DD :	
*Skin Irritation	NON-PRIMARY SKIN IRRITANT
*Skin Sensitization	NON-PRIMARY SKIN SENSITIZER
PELEMOL DD can be described as hypoallergenic.	

PELEMOL ® P-810 SAFETY

*An RIPT study (50 human subjects) has provided very favorable results for PELEMOL P-810 :	
*Skin Irritation	NON-PRIMARY SKIN IRRITANT
*Skin Sensitization	NON-PRIMARY SKIN SENSITIZER
PELEMOL P -810 can be described as hypoallergenic.	

PELEMOL ® 3G22 SAFETY

*An RIPT study (50 human subjects) has provided very favorable results for PELEMOL 3G22 :	
*Skin Irritation	NON-PRIMARY SKIN IRRITANT
*Skin Sensitization	NON-PRIMARY SKIN SENSITIZER
PELEMOL 3G22 can be described as hypoallergenic.	

* All Studies conducted by AMA Labs. , 216 Congers Rd., New City, NY 10956

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