

# Presperse Finished Products

635 Pierce Street • Somerset, NJ 08873 • Tel: (732) 356-5200 • www.presperse.com

## Lip Guard

(SPF-25 in vitro)

Formula #: 33-29-7, Date: 12/17/08

WHAT IS IT?	A moisturizing lip balm with <b>SiCLONE™ TD-150</b> , <b>PERMETHYLS</b> and <b>RED GAMMA RASPBERRY SEED OIL</b> .		
HOW DO YOU USE IT?	Apply to the lips to relieve chapped or dry lips while protecting against UV rays.		
WHO SHOULD USE IT?	Anyone seeking a moisturizing lip balm that has UV protection.		
WHAT DOES IT DO?	<b>SiCLONE TD-150</b> is a silicone-free titanium dioxide dispersion which provides excellent transparency while giving broad UV shielding. <b>PERMETHYL 284C</b> improves wear due to the film forming properties. <b>PERMETHYL 102A</b> provides a satiny emollient feel. <b>RED GAMMA RASPBERRY SEED OIL</b> nourishes, moisturizes and protects skin from free radicals as well as being high in gamma-tocopherols, linoleic and alpha-linolenic acids. <b>MICROEASE 1132</b> provides superb structural properties to hot pour systems.		
WHAT'S IN IT?	Ethylhexyl palmitate, Isoeicosane, Beeswax, Copernicia Cerifera (Carnauba) Wax, Butyrospermum Parkii (Shea Butter), C15-19 Alkane, Titanium Dioxide, Euphoria Cerifera (Candelilla) Wax, C12-15 Isoparaffin, Polyisobutene, C13-16 Isoparaffin, Synthetic wax, Microcrystalline wax, C18-21 Alkane, C13-15 Alkane, Rubus Idaeus (Raspberry) Seed Oil, Tocopheryl Acetate		
Trade Name	INCI Name	Supplier	% W/W
WHITE BEESWAX SP 4229	Beeswax	Strahl & Pitsch	13.00
CANDELILLA WAX MD-21	Euphoria Cerifera (Candelilla) Wax	Ideka Corp	5.40
CARNAUBA WAX SP63	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch	10.00
<b>PERMETHYL 284C</b>	C15-19 Alkane (and) C12-14 Isoparaffin (and) Polyisobutene	<b>Presperse, LLC</b>	16.00
<b>PERMETHYL 102A</b>	Isoeicosane	<b>Presperse, LLC</b>	15.00
SHEA BUTTER SB35	Butyrospermum Parkii (Shea Butter)	Jarchem	10.00
<b>SI CLONE TD-150</b>	Titanium Dioxide (and) C13-16 Isoparaffin (and) C12-14 Isoparaffin (and) C13-25 Alkane (and) Aluminum Hydroxide (and) Isostearic Acid (and) C18-21 Alkane	<b>Presperse, LLC</b>	10.00
CERAPHYL 368	Ethylhexyl Palmitate	ISP	17.40
VITAMIN E ACETATE	Tocopheryl Acetate	BASF	0.20
<b>RED GAMMA RASPBERRY SEED OIL</b>	Rubus Idaeus (Raspberry) Seed Oil	<b>Presperse, LLC</b>	1.00
<b>MICROEASE 1132</b>	Synthetic wax (and) Microcrystalline wax	<b>Presperse, LLC</b>	2.00

Presperse products appear in bold.

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## P R O C E D U R E

1. Weigh all ingredients into a main vessel.
2. Begin mixing and heating (low speed, 80-85C).
3. Cool batch (low speed, 70-75C)
4. Pour into appropriate containers.



INGREDIENT	FUNCTION
PERMETHYL 284C	Film former used to improve water-resistance
PERMETHYL 102A	Provides a satiny feel and produces a high sheen.
Si CLONE TD-150	Provides excellent transparency and UV shielding
RED GAMMA RASPBERRY SEED OIL	Rich in gamma-tocopherols and essential fatty acids
MICROEASE 1132	Provides excellent structure to andyrous systems

S P E C I F I C A T I O N S	
APPEARANCE	Semi-solid
ODOR	Characteristic

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