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OptiDerm™ Remedy Lotion

| | | | | | |
|------------------------|---------------------------------|--------------------------------|-----------------------|---|--------------------------------------|
| <u>Code</u> J38-107 | <u>Application</u> Skin Care | <u>Body Parts</u> Body,Face | <u>Form</u> Lotion | <u>Appearance</u> off white / light beige | <u>Emulsion Type</u> Oil in Water |
|------------------------|---------------------------------|--------------------------------|-----------------------|---|--------------------------------------|

3 Rs: Repair, Replenish, and Revitalize your skin with OptiDerm™ Remedy Lotion. This lightweight super soft everyday lotion is specifically formulated to repair and maintain optimal skin barrier function through incorporation of essential lipids and ceramides in an easy-to-use universal all-natural emulsifier.

| Trade Name | | | | | |
|------------|--|----------|----------------|--|--|
| Phase | INCI Name | % | Vendor | Highlight Jeen Ingredients | |
| A | WATER Deionized Water | 68.610 | Jeen | | |
| A | JEECIDE® PEN-NAT Pentylene Glycol | 5.0000 | Jeen | | |
| A | JEEPERSE® OPTIDERM Cetearyl Alcohol (and) Glyceryl Stearate (and) Dehydroxanthan Gum (and) Cetearyl Glucoside (and) Triticum Vulgare (wheat) Germ Oil (and) Hydroxypropyl Bispalmitamide Mea | 3.5000 | Jeen | Jeesperse® OptiDerm™ is a 100% all natural multifunctional ingredient designed as a universal emulsifier and functional ingredient for skin barrier maintenance and repair. Jeesperse® OptiDerm™ is formulated with essential lipids and ceramides to help repair the stratum corneum and maintain the ordered structure of the intercellular lipids to reduce visible signs of aging and fatigued skin. | |
| A | DL-PANTHENOL Panthenol | 0.2500 | Jeen | | |
| B | JEECHEM® Squalane Natural Squalane | 2.0000 | Jeen | | |
| B | AVOCADO OIL Persea Gratissima (avocado) Oil | 2.0000 | Jeen | | |
| B | SWEET ALMOND OIL NF Prunus Amygdalus Dulcis (sweet Almond) Oil | 3.0000 | Jeen | | |
| B | SHEA BUTTER Shea (butyrospermum Parkii) Butter | 2.2500 | Jeen | | |
| B | ARGAN OIL Argania Spinosa Kernel Oil | 2.0000 | BotanicalsPlus | | |
| B | JEECHEM® CTG Caprylic/capric Triglyceride | 6.2500 | Jeen | | |
| B | OLIVE OIL (PURE) Olea Europaea (olive) Fruit Oil | 3.1000 | Jeen | | |
| C | Aerosil 200 Silica | 0.1000 | | | |
| C | LEMON OIL Citrus Medica Limonum (lemon) Peel Oil | 0.4200 | BotanicalsPlus | | |
| C | Sandalwood Oil Santalum Spicata Wood Oil | 0.5200 | BotanicalsPlus | | |
| C | JEECIDE® AA PLUS Benzyl Alcohol, Pentylene Glycol, Benzoic Acid, Sorbic Acid | 1.0000 | Jeen | Jeeicide® AA Plus is an optimized broad spectrum preservative formulated to boost synergistic efficacy of Jeeicide AA. This powerful composite allows for use at higher percentage in formulations while staying at or below the maximum allowable limits of Benzyl Alcohol, Benzoic Acid and Sorbic Acid. It is particularly useful for applications that require more challenging preservation needs. | |
| | | 100.0000 | % | | |

| Procedure | Product Specifications | | | | |
|---|--|-----------|-------------|---|------------------|
| <ol style="list-style-type: none"> 1 PHASE A In main beaker, add Phase A ingredients mixing with propeller mixer and heat up to 30-35C. 2 Transfer Phase A to homomixer maintaining the temperature 30-35C for 5-10 min. 3 PHASE B In side beaker add Phase B ingredients mixing with propeller mixer and heat up to 30-35C. 4 Slowly add Phase B to Phase A. 5 Continue mixing Phase AB for 10-15 minutes with homo-mixing. 6 Switch to side sweep mixing. 7 PHASE C Add Phase C ingredients one at the time to Phase AB at 25-30C and mix until homogeneous. 8 Adjust pH. | <table border="0"> <tr> <td data-bbox="820 73 1088 105">pH</td> <td data-bbox="1088 73 1521 105">5.00 - 6.00</td> </tr> <tr> <td data-bbox="820 105 1088 157">Viscosity RV SP-TC@ 5rpm 1min.@25C</td> <td data-bbox="1088 105 1521 157">17 500 - 22 2500</td> </tr> </table> | pH | 5.00 - 6.00 | Viscosity RV SP-TC@ 5rpm 1min.@25C | 17 500 - 22 2500 |
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