Category: Skincare - Cleansing

**HS1-067: Dermol SLLC-L Shower Gel**

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| --- | --- | --- | --- |
| *Ingredient* | *INCI* | *Supplier* | *W/W%* |
| Phase A (aqueous) |  |  |  |
| DI Water | Water | -- | 43.6 |
| Foamtaine CAB | Cocamidopropyl Betaine | Alzo International | 20 |
| Pureact D | Decyl Glucoside | Innospec | 20 |
| Glycerin | Glycerin | Alzo International | 0.5 |
| Dermothix 75L | **Disteareth-75 IPDI (and) PEG-7 Caprylic/Capric Glycerides (and) Water** | **Alzo International** | **7.4** |
| Phenoxetol | Phenoxyethanol | Clariant | 0.5 |
| Phase B (oils) |  |  |  |
| Dermol SLLC-L | **Sodium Lauroyl Lactylate** | **Alzo International** | **3** |
| Cupl-PIC | PPG-2 Isoceteth-20 Acetate | Alzo International | 2 |
| Dermol OPG | Ethylhexyl Pelargonate | Alzo International | 2 |
| Polyderm PPI-SI-WS | **Bis-PEG-15 Dimethicone/IPDI Copolymer** | **Alzo International** | **1** |
|  |  |  |  |
| Total |  |  | **100.0** |

**Manufacturing Procedure**:

1. In the primary vessel heat and mix Phase A to 50-55°C mixing until uniform
2. In a side vessel add phase B heat and mix until uniform at 50-55°C
3. Add Phase B to Phase A and begin cooling to room temp

**Alzo Ingredient Benefits**:

**Dermol SLLC-L** – readily biodegradable & 100% naturally derived surfactant that forms rich and long-lasting foam. Very mild and has antimicrobial properties. Oil & alcohol soluble, and can also be incorporated into clear, aqueous systems

**Dermothix 75L** – a non-ionic thickener and rheology modifier. Thickens almost any surfactant system and is not sensitive to pH or electrolytes. 50% active liquid for ease of handling and viscosity adjusting

**Polyderm PPI-SI-WS** – a water-soluble silicone-urethane polymer conditioner for clear systems. It provides excellent slip in hair, makeup & skin products