



## Formulation

Name	<b>VOLCANO BURST FOOT SCRUB</b>		
No.	1484		
Description	Be one with the earth, for a relaxing telluric experience! Pumice grains gently buff dry heels for soft, smooth feet, while the soothing fragrance creates a spa-like experience. The use of Stepan Structured Liquids Technology allows to suspend the exfoliating particles in a water based, polymer-free system thanks to STEPAN-MILD® GCC-FL/MB.		
Formulation	<b>INGREDIENTS:</b>	<b>% by Weight</b>	<b>Functionality</b>
	=== Phase 1 ===		
	STEPAN-MILD® GCC-FL/MB	16.6	Structure Agent
	Butyrospermum Parkii (Shea) Butter	0.4	Emollient
	Glycine Soja Oil	2.3	Emollient
	Mineral Breath (V.Mane Fils SA)	0.4	Fragrance
	=== Phase 2 ===		
	MAPROSYL® 30-F/MB	9.0	Surfactant
	Citric Acid	q.s. to pH 5	pH Adjuster
	=== Phase 3 ===		
	Deionized Water	48.9	Carrier
	Glycerin	2.0	Humectant
	Phenoxyethanol (Ashland Global Holdings, Inc.)	0.4	Preservative
	=== Phase 4 ===		
	Citric Acid	q.s.	Exfoliating Additive
	ImerCare™ 190P-Scrub (Imerys SA) Perlite	20.0	
	<b>Total</b>	<b>100.0</b>	
Procedure	<ol style="list-style-type: none"><li>1. To a suitable vessel, add phase 1 ingredients and mix with heating at 40°C (104°F) to get an homogeneous hazy phase.</li><li>2. In a separate vessel, prepare phase 2 by introducing MAPROSYL® 30-F/MB and adjust pH to 5 with Citric Acid.</li><li>3. Pour phase 2 into phase 1 and mix to obtain a homogeneous phase.</li><li>4. Dilute the mixture by adding phase 3 ingredients with mixing. The formulation should look like a soft gel.</li><li>5. Control and adjust pH if needed with Citric Acid.</li><li>6. Add ImerCare™ 190P-Scrub under agitation to obtain an homogeneous final product with foam-like texture.</li></ol>		
Physical Properties	Appearance, as is	Exfoliating, grey jelly foam	
	pH, as is	5.0 - 5.5	
	Viscosity at 20°C (Brookfield, LV2, 12rpm), cps	17,500	
Storage/ Stability	4 weeks at 20°C	Stable	
	4 weeks at 5°C	Stable	
	4 weeks at 45°C	Stable	

Instructions for Use	Apply a small amount to wet skin and rub. Rinse skin with water.
External Comment	Marketing Notes: INCI List - Aqua, Perlite, Glyceryl Caprylate/Caprate, Glycerin, Sodium Lauroyl Sarcosinate, Glycine Soja Oil, Propanediol, Butyrospermum Parkii (Shea) Butter, Fragrance, Phenoxyethanol, Citric Acid.
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