



Formulation

Name	BE QUENCHED - AFTER SPORTS AND SUN LOTION	
No.	1384	
Description	After sports and sun lotion for active people looking for quick and easy way to quench skin after exercise and/or sun exposure. STEPAN-MILD® GCC-L gives a light, cream-gel-like fluid texture. This formulation uses an Auvergne (central France region) wild acanthus extract for potentially improved skin barrier restoration.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	75.70 Carrier
	Carbopol® Ultrez 10 (Lubrizol Corporation) Carbomer	0.60 Thickener
	Skin Repair BIO (Hyteck SA) Alcohol (and) Water (and)	0.10 Active
	Onopordum Acanthium Flower/Leaf/Stem Extract	
	=== Phase 2 ===	
	STEPAN-MILD® GCC-L	16.40 Emollient
	Radiasurf 7900 (Oleon) Glyceryl Stearate	3.20 Emulsifier
	Stearic Acid 40EO (Mosselman) PEG-40 Stearate	0.80 Emulsifier
	Nacol 16 (Sasol) Cetyl Alcohol	2.00 Co-emulsifier, Thickener
	=== Phase 3 ===	
	Fragrance - Hypo 158 (Givaudan)	0.20 Fragrance
	Tocopherol (Mosselman) Tocopherol	0.02 Antioxidant
	Euxyl K712 (Schülke & Mayr GmbH)	1.00 Preservative
	Sodium Hydroxide	q.s. pH Adjuster
	Total	100.00
Procedure	<ol style="list-style-type: none"> Heat phase 1 to 65°C (149°F) with mixing. Heat phase 2 to 65°C (149°F) and homogenize. Add phase 2 to phase 1 with mixing. Homogenize 2 minutes with an ULTRA-TURAXX® mixer using high shear rates. Cool down to 45°C (113°F) and add phase 3 under stirring, following the above described order. Cool down to room temperature under stirring. <p>**Note: Euxyl K712 supplied by Schülke & Mayr GmbH is defined chemically as: Aqua (and) Sodium Benzoate (and) Potassium Sorbate.</p>	
Physical Properties	Appearance, as is	White cream
	pH, as is	5.5
	Viscosity at 25°C, cps	52,500
Storage/ Stability	4 weeks at 25°C	Stable
	4 weeks at 45°C	Stable
	4 weeks at 5°C	Stable
Instructions for Use	Apply to skin and rub in	

External
Comment

Marketing Notes: INCI List: Aqua, Glyceryl Caprylate/Caprata, Glycerin, Glyceryl Stearate, Monopropylene Glycol, Cetyl Alcohol, PEG-40 Stearate, Carbomer, Alcohol, Onopordum Acanthium Flower/Leaf/Stem Extract, Sodium Benzoate, Potassium Sorbate, Perfume, Tocopherol, Sodium Hydroxide

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STEPAN-MILD®

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Additional
Assistance

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).
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Revision Date: 06/08/2021 Publication Date: 06/08/2021 © 2021, Stepan Company. All rights reserved.