

Development Formulation

Natural Body Balm

CH0040

A blend of natural emollients can be formulated into a body balm with the inclusion of **Syncrowax™ ORM** a natural oil phase thickener and natural wax **Syncrowax HRC**. **Crodamol™ ISIS** is a very effective natural emollient that uses a novel hydration mechanism for optimum skin moisturisation and protection whilst Diisostearyl Dimer Dilinoleate provides smooth, soft, rich emollience without greasiness and also acts as an excellent solvent for lipid materials.

Ingredient/INCI Name	Functionality	% w/w
Crodamol GTCC (Caprylic/Capric Triglyceride) ¹	Emollient with good lubricity	To 100
Syncrowax HRC (Tribehenin) ¹	Structure and good payoff	18.00
Pelemol DISD (Diisostearyl Dimer Dilinoleate) ²	Rich, non greasy emollient with good lubricity, solvent for lipid materials	10.00
Crodamol ISIS (Isostearyl Isostearate) ¹	Substantive emollient, novel hydration mechanism	8.00
Syncrowax ORM (Sorbitol/Sebacic Acid Copolymer Behenate) ¹	Oil phase thickener	4.50
Seatons Refined Cocoa Butter (Theobroma Cacao Butter) ¹	Adds structure, rich creamy texture	4.50
Seatons Organic Shea Nut Butter (Butyrospermum Parkii Butter) ¹	Adds structure, soothing and replenishing	4.50
Crodamol ML (Myristyl Lactate) ¹	Adds structure, imparts velvety texture	4.00
Vitamin E Acetate	Natural antioxidant	1.00

Suppliers: **1: Croda** 2: Cornelius

Procedure:

Heat all ingredients to 85-90°C with stirring. Once uniform continue stirring and allow to cool. When the temperature reaches 75°C pour off and immediately transfer to the freezer for 15 minutes to set.

Appearance: Off white solid; pH: N/A; Viscosity: N/A
Stability: 1 month at 50°C, 45°C, 40°C, 25°C and 4°C

Pelemol is a registered trademark of Phoenix Chemical, Inc.

This formulation was developed in Europe. Contact your local sales representative with enquiries as ingredient availability can vary by region.

Non-warranty

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