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Diaper Rash Cream

Code Application Body Parts Form Appearance Emulsion Type
J22-163KZ-A **Skin Care** **Body** **Cream** **Opaque** **Oil in Water**

A superior diaper rash cream that protects, soothes, and heals the skin.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	Di Water	39.550			
A	Di Water				
A	Dissolvane Na2	0.2000	Akzo Nobel		
	Disodium Edta				
A	GLYCERIN 99.7% USP	3.0000	Jeen		
	Glycerin				
A	Citric Acid(10%) Solution	2.0000			
	Citric Acid(10%) Solution				
B	JEESPERSE® CPW-CG-T	8.0000	Jeen	This Jeesperse® CPW product allows for the incorporation of all your waxy emulsifiers directly into your water phase with NO heat. Build your typical Emulsion Chassis while taking advantage of the manufacturing benefits and efficiencies associated with Jeesperse® ICE-T™ Technology: Manufacture Faster, More Consistently, while using Less Energy.	
	Cetyl Alcohol, Sodium Acrylate/sodium Acryloyl Dimethyl Taurate Copolymer, Glyceryl Stearate, caprylic/capric Triglyceride				
C	JEECOL® OA-10	3.0000	Jeen		
	Oleth-10				
C	JEESILC® CPS-312	18.0000	Jeen	A versatile emollient used in skincare, suncare, decorative cosmetics, haircare, and Deodorants/Anti-Perspirants, Jeesilc CPS-312 reduces tackiness upon application and aids in quick drying. In stick applications, Jeesilc CPS-312 improves glide, prevents staining and aids in absorption without being occlusive.	
	Cyclopentasiloxane, Cyclohexasiloxane				
C	JEESILC® EM-90	2.0000	Jeen		
	Cetyl Peg/ppg-10/1 Dimethicone				
C	JEESPERSE® ZO-65 OP	20.0000	Jeen		
	Zinc Oxide Usp(and)dimethicone(and) Octyl Palmitate				
D	JEECHEM® BUGL	3.0000	Jeen		
	1,3-butylene Glycol				
D	DL-PANTHENOL	0.3000	Jeen		
	Panthenol DI-pantothenyl Alcohol Cg				
D	ALLANTOIN	0.1500	Jeen		
	Allantoin				
E	VITAMIN E USP	0.2000	Jeen		
	DI-alpha Tocopheryl Acetate				
E	ASCORBIC ACID USP - FCC	0.1000	Jeen		
	Vitamin C				
E	JEECIDE® CAP-2	0.5000	Jeen	Jeecide® CAP-2 is a broad spectrum preservative system. Use at 0.5-1.5% in any emulsion for complete microbial protection. Paraben-Free, Formaldehyde Donor-Free, and Globally Compliant. Stable at pH 3-10.	
	Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol				
		100.0000	%		

Procedure		Product Specifications	
1	Add Phase A ingredients into a main mixing tank and mix with an overhead prop mixer.	Appearance	Thick White Cream
2	Pre-mix Phase C in a separate sub-mixing tank and hold for Step 4.	Ph	6.00-6.50
3	Disperse Phase B into Phase A. Mix well.	Stability @ RT/45C° / FT	3/12/13
4	Slowly add Phase C to Phase AB while continuing to mix on high.	Start Date	
5	Add Phase D ingredients, in the order given in the formulation, to Phase ABC. Mix well.	Stability @ RT/45C° / FT	6/14/2013
6	Add ingredients of Phase E to Phase ABCD. Mix well.	End Date	
7	Homogenize to ensure that batch is uniform and chunk-free.	Initial Viscosity	40-50 kcps RVT viscometer TC 10 RPM
8	Make final property checks for appearance, viscosity, and pH at room temperature.		

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