

Baby Sun Bum

Baby-safe sunscreen

ACTS20878

Description

This hydrating, non-sticky baby saver helps protect sun-sensitive skin against harmful UV rays with an in-vitro SPF 150+ and a 378nm critical wavelength.

Phase	Ingredient	INCI name	Supplier	Function	Wt.%
A	Water	Water	—	Solvent	36.52%
	Propanediol	Zemea®	CovationBio PDO	Humectant	10.00%
B	Caprylhydroxamic acid (and) propanediol	Zeastat™	Inolex	Chelating agent	1.00%
	Zinc lactate	PURAMEX® ZN	Corbion	Salt	0.50%
	Arginine	Biotive® L-Arginine	Symrise	Neutralizer	0.20%
C	Caprylic/capric triglyceride (and) titanium dioxide (and) polyhydroxystearic acid (and) aluminum stearate (and) alumina	Solaveil™ CT-300	Croda	Active	30.00%
	Zinc oxide (and) coco-caprylate/caprate (and) polyglyceryl-3 polyricinoleate (and) isostearic acid	ZinClear® XP65C0C0	Advanced Nanotek LTD	Active	10.00%
	Triheptanoin (and) c13-16 Isoparaffin	LexFeel® WOW	Inolex	Emollient	10.00%
	Tri(polyglyceryl-3/lauryl) hydrogenated trilinoleate	Cithrol™ PGTL	Croda	Emulsifier	1.50%
	Fragrance	—	Orchidia	Fragrance	0.28%
Total					100.00%

Formula provided by: ACT Solutions Corp., Newark, Delaware, USA

In collaboration with:



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To request Inolex samples:

<https://inolex.com/pc/Home/Sample-Request>

Procedure

1. Premix phase B then add to phase A with propeller stirring until uniform.
2. Premix phase C.
3. Very slowly add A/B to C with fast propeller stirring.
4. Homogenize briefly until glossy (do not homogenize if already glossy).