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%
B | Propanediol | Zemea® | CovationBio PDO | Humectant | 10.00%
| 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® XP65COC0 | Advanced Nanotek LTD | Active | 10.00%
| Triheptanoin (and) c13-16 Isoparaffin | LexFeel® WOW | Inolex | Emollient | 10.00%
| Tri(polyglyceryl-3/lauryl) hydrogenated trilinoleate | Citrol™ PGTL | Croda | Emulsifier | 1.50%
| Fragrance | — | Orchidia | Fragrance | 0.28%
Total | 100.00%

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).

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