

Head-to-Toe Baby Cleanser

Description: This sulfate-free, PEG-free and polymer-free formulation is super mild for baby's tender skin and is easy to formulate with Sino Lion's self-thickening technology. This formulation imparts a soft, non-drying, luxurious after-feel to protect baby's skin.

| | Ingredient | %W/W | Supplier/INCI Name | Function |
|----------|-------------------|---------|--|----------------------------------|
| A | Deionized Water | To 100 | | Carrier |
| | Glutamix™ A-50 | 40.0 | Sino Lion / Disodium Cocoyl Glutamate Blend (Patent-Pending) | Surfactant Concentrate |
| B | EverLipid™ EFA | 1.0 | Sino Lion / Linoleamidopropyl PG-Dimonium Chloride Phosphate | Conditioning Agent Emollient |
| | OleEster™ ISL | 0.5 | Sino Lion/ Sodium Isostearyl Lactylate | Conditioning Agent, Emollient |
| C | Citric acid (50%) | 3.5-4.5 | | pH Adjuster |

Procedure

1. Mix Phase A with agitation until uniform.
2. Add Phase B to adjust the pH to 5.14-5.30.
3. Add Phase C with agitation until uniform.

Properties

Appearance: Transparent Viscous Liquid

Viscosity: 3,000-9,000 mPa.s (25°C, Brookfield RVT, 20rpm, 4/5#spindle)

pH (25°C): 5.14-5.30

Features

- This sulfate-free, PEG-free, polymer-free and hypoallergenic formulation is ultra-mild for baby's delicate and sensitive skin.
- It imparts a soft, non-drying, luxurious after-feel to sooth your baby during bath time and protect baby's skin without drying.
- It generates high quality, dense and creamy foam and it is easy to rinse off to save water and time.

pH-Viscosity (η -pH) Curve (May shift slightly among various Lot#):