

## Self-thickening Glutamate Baby Shampoo

**Description:** This PEG-free, polymer-free and sulfate-free formulation is super mild for baby's tender scalp and hair and it 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 scalp and hair.

	Ingredient	%W/W	Supplier/INCI Name	Function
<b>A</b>	Deionized Water	To 100		Carrier
	Glutamix™ A-50	40.0	Sino Lion / Disodium Cocoyl Glutamate Blend (Patent-Pending)	Surfactant Concentrate
<b>C</b>	EverLipid™ EFA	1.0	Sino Lion / Linoleamidopropyl PG-Dimonium Chloride Phosphate	Emollient
<b>B</b>	Citric acid (50%)	4.0-5.0		pH Adjuster

### Procedure

1. Mix Phase A with agitation until uniform.
2. Add Phase B to adjust the pH to 5.0-5.2.
3. Add Phase C with agitation until uniform.

### Properties

Appearance: Transparent Viscous Liquid

Viscosity: 3,000-13,000 mPa.s (25°C, Brookfield RVT, 20rpm, 4/5#spindle)

pH (25°C): 5.0-5.2

### Features

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

**pH-Viscosity ( $\eta$ -pH) Curve (May shift slightly among various Lot#):**