



PERSONAL CARE
OTHER



BATHING & WASHING LIQUID FOR INFANTS [KD-27]

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| PHASE | INCI NAME | BRAND NAME | CONCENTRATION [%] | FUNCTION |
|-------|---------------------------------------|---------------------|-------------------|--------------------|
| A | Aqua | | 71.35 | solvent |
| | Sodium Benzoate, Potassium Sorbate | | 0.50 | preservative |
| | Glycerin | | 2.00 | moisturising agent |
| | Lactic Acid | | 0.35 | pH adjuster |
| B | Ammonium Laureth Sulfate | SULFOROKAnol®A325/1 | 15.00 | surfactant |
| | Sodium Lauroyl Sarcosinate | ROKAtend LS | 3.00 | surfactant |
| C | Coco-Glucoside, Glyceryl Oleate | | 1.00 | surfactant |
| | PEG-120 Methyl Glucose Dioleate | | 0.80 | thickener |
| D | Coco-betaine | ROKAmina®K30B | 6.00 | surfactant |



| | | |
|----------------|--|---------------------|
| Viscosity [cP] | Brookfield LV, spindle 34, speed 2.5 RPM, T: 25°C | 1000 - 3000 |
| Stability | 1 month at 5°C, RT, 40°C | confirmed |
| Apperance | visual method | light-yellow liquid |
| pH | | 4.8 - 5.3 |

Procedure:

1. Combine ingredients from phase A. Add ingredients from phase A to warm water (50-55°C). Mix until homogenous solution is obtained.
2. Add ingredients from phase B durin mixing. Mix until uniform.
3. Add PEG-120 Methyl Glucose Dioleate and Coco-Glucoside, Glyceryl Oleate during mixing. Mix until uniform. Cool the batch down to at least 30°C.
4. Add slowly Coco Betaine during mixing. Mix until uniform.



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