



Cola[®]Det EQ-12

Baby Shampoo Concentrate

INCI NAME Cocamidopropyl Betaine, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate

CAS NUMBER 61789-40-0 / 9005-64-5 / 25446-78-0

LISTINGS US (TSCA); Canada (NDSL); Australia (AICC); New Zealand (NZIoC); China (IECSC); Taiwan (TCSI)

Cola[®]Det EQ-12 is a classic blend of mild ingredients for the formulation of tear-free baby and children's shampoos. This product can also be utilized for mild liquid soaps in foam pumps or for facial washes and bubble baths. Tear-free claims need to be established after viscosity adjustment and the addition of dyes, fragrances and other additives.

BENEFITS

- Mild cleanser
- Excellent foamer
- Biodegradable
- Easy to use

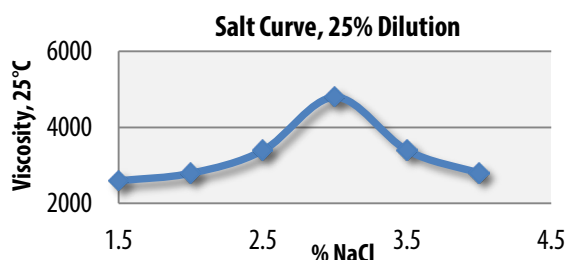
APPLICATIONS

- High-lathering cleansers
- Sensitive skin formulations
- Tear-free shampoos
- Facial washes
- Bubble baths
- Foam pump hand soaps

TYPICAL PROPERTIES

Appearance, 25°C	Clear Liquid
pH, 10% aqueous	6.0 – 7.5
Solids, %	41.0 Min.
Color, Gardner '98	4 Max.
Viscosity (cPs)	7000 Max.

PERFORMANCE



Ideal for Tear-Free Baby Products



FORMULATION

Baby Shampoo

	INGREDIENT	%
1	Water	qs to 100.00
2	Cola[®]Det EQ-12	25.00
3	Quaternium 15	0.20
4	Citric Acid	q.s.
5	Sodium Chloride	q.s.
6	Fragrance, Dye, etc.	q.s.

Charge water into main vessel. Add Cola[®]Det EQ-12 and mix until dissolved. Add preservative, fragrance and dye. Adjust pH with Citric Acid (typically 6.0-7.0 as is). Adjust viscosity with Sodium Chloride. Individual fragrances and other component variations may affect the viscosity, so it is recommended that each batch should be checked and adjusted prior to manufacture.

pH: 6.5 Viscosity: 5000 cP.

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Innovative Specialty Surfactants