



HYGIENE

EU06957A | EXTRA-GENTLE CLEAR BABY SHAMPOO



©ADOBE STOCK

Gentle baby hair care

High tolerance

Non irritating for the eyes



Gel



A	ORONAL™ LCG E OD	13.00 %
	PROTEOL™ APL	7.00 %
	SEPICIDE™ HB	0.30 %
	Parfum/Fragrance	0.20 %
B	CAPIGEL™ 98	3.50 %
	Aqua/Water	10.00 %
C	Aqua/Water	Up to 100 %
D	Triethanolamine	0.65 %
	Imidazolidinyl Urea	0.20 %
E	Sodium Chloride	Up to a 3,500 mPa.s viscosity

Fluid & Foaming Clear Gel / Packaging: Bottle

pH: -7.2

VISCOSITIES 1M at RT: 4,000 mPa.s Brookfield LV4-6.

STABILITY: 1M at RT, 45°C & -40°C.

FORMULATION ADVICES: Laboratory scale - 2 kg - Spatula

Weigh all the ingredients of phase A and mix well every time each of them is added. Mix the ingredients of phase B and add it to phase A. Add phase C and D (the pH is adjusted to 7.2 with Triethanolamine compound). If necessary, the viscosity is lowered by addition of sodium chloride (phase E) (1% max).



COLD
PROCESS

Combination of ultra-gentle surfactants: foaming application made for babies; clear & translucent formula.

HET-CAM tolerance with a 10% dilution: indice = 0, classification: non irritating for the eyes (Seppic method 57C0009).

ORONAL™ LCG E OD: an ultra mild surfactant that is extremely well tolerated by skin & eyes. (Sodium Coceth Sulfate - PEG40 Glyceryl Cocoate) It is well suited for formulation of products which require **perfect tolerance** (make-up removers, products for **babies** or **sensitive skin**, etc.). It allows to formulate **colorless products**.

PROTEOL™ APL has a great softness, and provides a dense & abundant foam as well as it prevents eyes & skin from irritation. (Sodium Cocoyl Apple Amino Acids) This compound is a **fruity surfactant**, derived from amino acids of apple juice. Its concept is **environmentally friendly (no preservative)**.

CAPIGEL™ 98 is particularly used to thicken systems which are low-concentrated in surfactant, such as baby-care products. (Acrylates Copolymer) **Liquid thickener** used beyond pH 7. It provides a **good resistance to electrolytes & polar solvents**, and allows to obtain **clear & colorless skincare gels**.

SEPICIDE™ HB preserves the formula. (Phenoxyethanol - Methylparaben - Ethylparaben - Propylparaben - Butylparaben) **Preservative**

ADDITIONAL INGREDIENT: Fragrance: Musty Ref PNO02307 (QUEST)

More informations available on seppic.com

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