



Product Description

A ready to use pastilled conditioning concentrate that allows for an easy single-step process to manufacture high quality conditioners. It only requires dispersion in hot water and the addition of preservative, fragrance, and dye. Imparts conditioning, improved wet comb, and can be further enhanced by complementing the formula with other additives. Suitable for products ranging from mass market to premium and salon conditioners.

Specifications

Appearance @ 25 Deg C	Waxy Flake
Color Gardner	4 Max
pH (5% Solution)	3.0 – 5.0
Quaternary, % (MW = 424) Apparent	21.0 – 27.0

INCI List of Ingredients

Cetyl Alcohol
Stearyl Alcohol
Stearalkonium Chloride

Typical Properties

Total Plate Count (CFU/g)	< 10 CFU
Preservative	None

Principal Uses

Economy Hair Conditioner	4% - 6%
Premium Salon Conditioner	6% - 8%
Leave-In Conditioner	1% - 2%

Storage and Handling

This product should be stored in sealed containers below 30°C in a dry place out of direct sunlight. Handle between 25°C – 35°C. Do not heat above 90°C.

Formulation Guidelines

1. When making rinse off conditioners, the water is heated to 65-75°C and the pearls are added with mild agitation. When all is dissolved and dispersed begin cooling with continued mixing. Dye, fragrance, and preservative can be added at < 50°C. The pH can be adjusted to desired range with citric acid.
2. If desired, additional emulsifiers and/or thickeners may be used.
3. Additives such as emollients, humectants, and silicones may also be used with conditioner concentrate pearls.

Shelf Life

Shelf life 48 months from date of manufacture.

Packaging

Available in bulk quantities.

**Additional Regulatory by INCI Component**

Component	CAS	EINECS	TSCA	Canada	Australia	China	Japan	Korea	Philippines	New Zealand
Cetyl-Stearyl Alcohol	67762-27-0	267-008-6	Listed	DSL	Listed	Listed	JSCI 101316	KE-00315	No Info	Listed
Stearalkonium Chloride	122-19-0	204-527-9	Listed	DSL	Listed	Listed	ENCS 9-1971 and JSCI 500065	KE-05-0196	Listed	Listed
Propylene Glycol	57-55-6	200-338-0	Listed	DSL	Listed	Listed	ENCS 2-234	KE-29267	Listed	Listed

WARNING

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This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of the present document.