

# C-279

# LEAVE-ON

# CONDITIONER

## GUIDELINE FORMULARY

### DESCRIPTION

Easy to apply  
Leave-on  
For frequent use

### COMPOSITION

	%
DANOX® HC-30	5.0
EXCEPARL® LM-LC	0.5
Bis-Cetearyl Amodimethicone <sup>(1)</sup>	1.0
KAO Fragrance	q.s.
Preservative <sup>(2)</sup>	0.2
Lactic Acid (50% solution)	q.s.
Deionized Water	Up to 100

(1) SILSOFT® AX from Momentive

(2) Microcare® MPE from Thor

### TECHNICAL CHARACTERISTICS

### Kao Method

APPEARANCE (20°C):	White viscous emulsion	KCSA-258
pH (as it is):	Approx. 4.2	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 8,200	KCSA-227
STABILITY TEST:	Correct	(2 months 40°C/RT/5°C/cycles)

## RECOMMENDED OPERATIVE METHOD

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Heat water to 70°C.

Add solid DANOX® HC-30 and stir until total homogeneity.

Cool down to 30°C (0.5°C/min)

Add EXCEPARL® LM-LC, Bis-Cetearyl Amodimeticone, preservative and fragrance. Stir after each addition until total homogeneity.

Adjust pH to 4.0 - 4.5 with Lactic Acid 50%.

## COMPONENTS

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**DANOX® HC-30** (surfactant blend, 100% a.m., ≈ 33% cationic a.m.): cationic and non-ionic character. It's based on a synergistic combination of cationic surfactants and fatty alcohol that allows single-step formulation providing an excellent performance in hair conditioning formulations. It provides smoothness and anti-static properties to the hair. Environmentally friendly cationic blend.

**EXCEPARL® LM-LC** (Lauryl Lactate, ≈ 100% a.m.): non-ionic character. Liquid ingredient derived from renewable sources. Thickener for cleansing compositions. It can be added at room temperature. Recommended dosage for rinse-off formulations, between 0.3 and 3%. For skin care application, it performs as skin emollient with high/medium spreadability and low oiliness. Recommended use percentage for skin care is 10% max. Excellent solubilizing properties for UV-filters.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.

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