



# Formulation

No. 1023

## Light, Smooth Conditioner

### DESCRIPTION

This formulation features **Colonial 18-S** and **Cola®Quat CCG** for a light simple conditioner. This high value, high performance formulation is perfect for every day use.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Tetrasodium Glutamate Diacetate	Dissolvine® GL-47-S <sup>1</sup>	0.05
3	Cetearyl Alcohol	Lanette O <sup>2</sup>	6.00
4	Stearamidopropyl Dimethylamine	<b>Colonial 18-S</b>	1.50
5	Lactic Acid	PURAC® FCC 88 <sup>3</sup>	0.50
6	Cocamidopropyl PG-Dimonium Chloride	<b>Cola®Quat CCG</b>	1.00
7	Fragrance	Green Tea <sup>4</sup>	0.20
8	Preservative		qs

### PROCEDURE

1. Combine ingredients 1-2. Heat to 65-70°C.
2. Once at temperature, add ingredients 3-4.
3. Mix until ingredients are melted, then adjust pH to 5.0 – 5.5 with Lactic Acid.
4. Add ingredient 6.
5. Cool to 45°C. Add remaining ingredients.

### TYPICAL PROPERTIES

Appearance      Opaque  
pH                    5.5 – 6.0  
Viscosity           30,000 cP

### SUPPLIERS

<sup>1</sup>AkzoNobel, <sup>2</sup>BASF, <sup>3</sup>Corbion, <sup>4</sup>Premier

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