

# Formulation

No. 1046

## **Freshening Hair Mist**

#### DESCRIPTION

Perfect for busy days or post-workout, this odor-neutralizing hair mist is a refreshing pick-me-up that keeps your hair smelling fresh longer and gives a subtle but lasting scent throughout the day. Cola®Quat SME works to eliminate unwanted odors and lightly condition the hair, while Poly Suga®Mulse D9 incorporates the fragrance of your choice to enhance your signature scent in a unique way. To use, hold an arm's length away and spray evenly onto hair and scalp.

#### FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Soyethyl Morpholinium Ethosulfate	Cola®Quat SME	1.00
3	Fragrance	Fragrance <sup>1</sup>	0.50
4	Sorbitan Oleate Decylglucoside Crosspolymer	Poly Suga <sup>®</sup> Mulse D9	6.00
5	Sodium Benzoate and Potassium Sorbate	Euxyl <sup>®</sup> K712 <sup>2</sup>	1.00
6	Citric Acid	Citric Acid, 50%	qs to pH 5.5 – 6.0

#### PROCEDURE

- 1. Combine ingredients 1 – 4 with moderate mixing.
- 2. If necessary, heat to 40 – 45°C and continue mixing until clear.
- 3. Add remaining ingredients. Adjust to pH 5.5 – 6.0 with citric acid.

#### **TYPICAL PROPERTIES**

Appearance	Clear Liquid
pН	5.5 – 6.0
Viscosity	<50 cP
% Solids	5.2 – 5.5

#### **SUPPLIERS**

<sup>1</sup>Orchidia, <sup>2</sup>Schülke and Mayr

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