SILICONE SPRAY
6989

Formula

A	• Water	40.0 %
	• **KATHON CG** *(Methylchloroisothiazolinone and methylisothiazolinone – distribué par SEPPIC)*	0.05 %
	• **ORAMIX CG110** *(Caprylic capric glucoside – SEPPIC)*	0.50 %
B	• Dimethicone	3.80 %
	• Dimethicone & dimethicone crosspolymer	6.20 %
C	• **SIMULGEL NS** *(Hydroxyethylacrylate/sodium acryloyldimethyl taurate copolymer & squalane & polysorbate 60 - SEPPIC)*	1.00 %
	• Fragrance	0.20 %
D	• Water	Up to 100%

Procedure

Heat aqueous phase in the amin tank (only half on the water). Disperse the silicon elastomer into the dimethicone (phase B) with sufficient shear until the blend becomes homogeneous. Disperse SIMULGEL NS and the fragrance into this blend and add to A while mixing (dumek 2 kg rotor stator 700rpm). At the end of this step, increase the shear of the homogenizer to 1400 rpm for 10'. Then add remaining water and keep the homogenizer 10' more.

Comments

SIMULGEL NS   Thickening and emulsifying agent in very easy to use liquid form (no pre-dispersion or neutralization). Provides a sensation of freshness followed by a melting effect on contact with the skin. It leaves a feeling of velvety softness. SIMULGEL NS emulsifies all types of oily phases without heating. SIMULGEL NS is particularly adapted to emulsify oils in fluid formulation. The given formula contains 1% in active ingredient dimethicone crosspolymer but it is possible to increase to **5% ai dimethicone crosspolymer** by coupling 31% of the elastomer blend with 19% dimethicone.

ORAMIX CG110   Non ionic surfactant of vegetable origin.

Characteristics

Appearance	milky fluid
pH	approx. 6.5
Viscosity	173 mPa.s BROOKFIELD LV1 6rpm
Stability	stable at room temp – 40°C – 50°C

Notes

Dimethicone : DC200.350 (DOW CORNING)
Dimethicone & dimethicone crosspolymer: DC9041 (DOW CORNING)
Fragrance: NINALIX x012822 (QUEST)

6989 – SEPPIC – 0410

Since this formula has not been the object of a toxicological study, the use and handling of the products proposed is purely indicative and SEPPIC accepts no responsibility for their use by another party.