



SATIN DEODORANT SPRAY 6792A

Formulation

A	<ul style="list-style-type: none">WaterMICROPEARL M201 (<i>Methyl methacrylate crosspolymer- SEPPIC</i>)	QS 100% 5.00%
B	<ul style="list-style-type: none">MONTANOV L (<i>C14-22 Alcohol & C12-20 Alkyl glucoside - SEPPIC</i>)	2.00%
C	<ul style="list-style-type: none">SIMULGEL EG (<i>Sodium acrylate/acryloyldimethyl taurate copolymer & Isohexadecane & Polysorbate 80 -SEPPIC</i>)	0.30%
D	<ul style="list-style-type: none">Cyclomethicone	2.00%
E	<ul style="list-style-type: none">SEPICIDE HB (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben/Butyl paraben - SEPPIC</i>)SEPICIDE CI (<i>Imidazolidinyl urea - SEPPIC</i>)FragranceEthyl hexylglycerin	0.30% 0.20% 0.15% 0.50%

Procedure

Disperse the Micropearl M201 in the water and heat to a temperature of 80°C (phase A). Melt B in A. Introduce the silicon oil (without heating it) then start homogenizing. After 2' introduce C. Continue emulsification for few minutes. When the temperature has dropped to about 40°C, add E.

Comments.

MICROPEARL M201 Absorbent, ultra-soft microspheres which readily disperse in water. The extra-fine size of MICROPEARL M201 particles make this product ideal for spray-on and fluid emulsions.

MONTANOV L Glucolipid emulsifier in harmony with nature. MONTANOV L is especially useful to produce fluid formulas whatever the type or quantity of oil phase used. MONTANOV L has a shear-thinning profile that is stable over time and well-adapted to the formulation of sprayable emulsions. MONTANOV L can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization.

SIMULGEL EG Thickening and emulsifying agent in liquid form. Very easy to use (no predispersion or neutralization). SIMULGEL EG perfectly stabilizes fluid and even extra-fluid emulsions. Thanks to its rheothinning properties, SIMULGEL EG is useful to formulate sprayable emulsions.

SEPICIDE HB / CI Preservative.



Characteristics

Appearance	Spray-on milk
pH	Approximately 6.7
Viscosity	Approximately 2,000 mPa.s BROOKFIELD LV4 6 rpm
Stability	Stable at TA / 40°C / 50°C

Assessment

Sprayability testing: SEPPIC Method 57CO036 (details supplied on request) :

<u>TESTS PERFORMED on standard packaging</u> (SOFAB . BP10-8700/C180G micromist nozzle)	RESULTS
<u>Positive control</u> Distilled water	5859 mm ²
6792A	5275 mm²

Notes

Fragrance: BASALFRESH G91.32127 (ROBERTET)

Cyclomethicone: DC 345 (DOW CORNING)

Ethyl hexylglycerin: SENSIVA SC50 (distribution by SEPPIC in some countries: ask us)

6792A – SEPPIC – A0105

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.