



## SPRAYABLE DEODORANT 6731A

### Formula

|          |  |         |
|----------|--|---------|
| <b>A</b> | • Aqua/Water   | QS 100% |
|          | • Magnesium aluminium silicate   | 3.00%   |
| <b>B</b> | • <b>MONTANOV L</b> (C14-22 alcohol and C12-20 alkylglucoside - SEPPIC)                        | 6.00%   |
| <b>C</b> | • Cyclopentasiloxane   | 7.00%   |
| <b>D</b> | • <b>SENSIVA SC50</b> (Ethylhexyloxyglycerin - SCHULKE & MAYR)                                 | 0.60%   |
|          | • Aluminium Chlorohydrate (50%)  | 10.00%  |
| <b>E</b> | • SEPICIDE HB (Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben/Butylparaben - SEPPIC) | 0.30%   |
|          | • Parfum/Fragrance   | 0.30%   |

### Method

Disperse the magnesium/aluminium silicate in water. Heat the aqueous phase (A) to 75-80°C. Add MONTANOV L (flakes) into the hot aqueous phase with stirring. When the MONTANOV L have melted, add the cyclopentasiloxane (C) followed by the ingredients (D). Emulsify for 4' (formula produced for 2 kg), cool and add the ingredients of E at around 30°C

### Comments

#### 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. It offers easy stabilization in the presence of hydrosoluble active ingredients that are rich in electrolytes. MONTANOV L can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization.

#### SENSIVA SC50

Deodorant ingredient: efficacy proven in vivo.



## Characteristics

|            |   |
|------------|---|
| Appearance | sprayable fluid emulsion                |
| Viscosity  | approx. 1 000 cps BROOKFIELD LV S2 6rpm |
| pH         | approx. 4.5                             |
| Stability  | Stable at AT                            |

## Assessment:

Sprayability among SEPPIC protocol 57CO036: 5081 mm<sup>2</sup>

## Notes

Parfum/Fragrance: STARLETT NP3175/11 (DRAGOCO)  
Magnesium aluminium silicate: VEEGUM HV (VANDERBILT)  
Aluminium chlorohydrate: Chlorhydrol (REHEIS)  
Cyclopentasiloxane: DC245 (DOW CORNING)

## 6731A - SEPPIC- A0011

***Since the proposed formulation has not undergone a toxicological study, the handling and use of the proposed products are given as an indication only and in no way bind SEPPIC's responsibility.***