

## Starting point formulation – AP/deo spray (aerosol) – active day

Refreshing antiperspirant spray with CLAYTONE-VP V XR stabilising the aluminum salt evenly distributed in the formulation. This product is easy to spray and ideal for people with an active lifestyle.

### Formulation

Phase	Tradename	INCI	Supplier	Function	Dosage (%)
A	Propellant	Propane, Butane	-	Carrier	70.00
	XIAMETER PMX-200 Silicone Fluid 5 cST	Dimethicone	Dow	Emollient	15.10
	CLAYTONE-VP V XR	Quaternium-90 Bentonite	BYK	Rheology modifier, stabilizer	0.40
	Drygen P	Aluminum Chlorohydrate	Clariant	Active ingredient	10.00
	dermofeel TEC eco	Triethyl Citrate	Evonik	Active ingredient	0.50
	Isopropylpalmitate	Isopropyl Palmitate	BASF	Emollient	1.50
	TEGOSOFT APM BF	PPG-3 Myristyl Ether	Evonik	Emollient	2.00
	Nivas Lady DF extra	Parfum	Bell	Fragrance	0.50
<b>Total</b>					<b>100.00</b>

#### Instructions (manufacturing procedure)

- Disperse CLAYTONE-VP V XR in dimethicone at moderate shear. Then homogenize for 15 min at high shear (10,000 rpm).
- Add aluminium chlorohydrate slowly under stirring and mix until homogenous.
- Then add the other ingredients one after the other.
- Finally fill the active solution into aerosol cans and charge with propellant.

#### Characteristic data

- Appearance (active solution): beige colored, low viscous.
- Storage stability: 3 months at 40 °C.

**CLAYTONE-VP V XR** is a vegan organically modified natural bentonite that increases viscosity and suspends particles.



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This issue replaces all previous versions.

