

# Citrus Cloud Cream Deo

Deodorant doesn't have to be boring! Freshen up anytime and apply it before, during or after your workout sessions. Embrace a new sensation with our light cloud like, fluffy texture that is so comfortable to wear and apply. Effective odor control, intense moisturization, fab texture!

- › **TRIS AMINO™ ULTRA PC:** odor control active, has the ability to neutralize odor molecules responsible of human body odors. Also very easy to formulate, and with high safety profile. Multifunctional ingredient.
- › **ACULYN™ 2051 Rheology Modifier:** thickening polymer with aesthetic benefits: smooth feel, non-greasy, non-sticky. Excellent compatibility with oils and butters
- › **Oliwax®:** COSMOS approved stabilizer for O/W emulsion, derived from ultra-refined pure olive oil with a melting point of 60-70°C. Structures the oil phase and gives a nice smooth and non-greasy feel. Beeswax substitute.
- › **Biochemica® Lime Butter:** derived from lime peel oil. Intense and pleasant citrus odor. Stimulates circulation and reduces inflammation.
- › **Tea Tree Oil:** essential oil with powerful anti-fungi and anti-microbial activity. Perfect for deodorant applications.
- › **EPITEX™ 66 Polymer:** ready-to-use water-based, film-forming polymer with good water and rub-off resistance. Gives long lasting benefits to the formula.

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 **UNIVAR®**  
PERSONAL CARE

Trade name	INCI name	Function	Supplier	%
<b>Phase A</b>				
Oliwax®	Hydrogenated Olive Oil, <i>Olea europaea</i> (Olive) Fruit Oil, <i>Olea europaea</i> (Olive) Oil Unsaponifiables	Stabilizing agent, structuring agent	Hallstar / Univar*	2.5
Biochemica® Shea Butter Refined	<i>Butyrospermum parkii</i> (Shea) Butter	Emollient, natural butter	Hallstar / Univar*	5.0
Biochemica® Lime Butter	<i>Prunus amygdalus dulcis</i> (Sweet Almond) Oil, Hydrogenated Vegetable Oil, <i>Citrus aurantifolia</i> (Lime) Peel Oil	Emollient, natural butter, natural fragrance	Hallstar / Univar*	5.0
XIAMETER® PMX-200 Silicone Fluid, 350 cSt	Dimethicone	Spreadability and sensory enhancer	Dow / Univar*	2.0
<b>Phase B</b>				
ACULYN™ 2051 Rheology Modifier	Sodium Polyacrylate (and) Dimethicone (and) Cyclopentasiloxane (and) Trideceth-6 (and) PEG/ PPG-18/18 Dimethicone	Thickener, cold emulsifier	Dow / Univar*	5.0
<b>Phase C</b>				
	Water (Aqua)	Solvent	Univar*	Q.S: 50.32
TRIS AMINO™ ULTRA PC (10% solution in water)	Tromethamine	Multifunctional additive - Odor control active, pH buffer	ANGUS® / Univar*	20.0
<b>Phase D</b>				
Stabil ZERO	Pentylene Glycol, Caprylyl Glycol, Ethylhexylglycerin	Alternative preservative	Akema / Univar*	1.5
EPITEX™66 Polymer	Acrylates Copolymer	Film former	Dow / Univar*	1.5
Vitamin E Acetate	Tocopheryl Acetate	Anti-oxidant	Rita / Univar*	0.5
	Glycerin	Humectant	Univar*	5.0
Tea Tree Oil	<i>Melaleuca alternifolia</i> (Tea Tree) Leaf Oil	Essential oil, anti-bacterial	Down Under / Univar*	0.08
<b>Phase E</b>				
Citric Acid Monohydrate CAM NI560 (50% solution in water)	Citric Acid	pH adjuster	Jungbunzlauer / Univar*	1.6

### Procedure (Hot process)

- Melt all constituents of phase A together at 75°C
- Add 1% of phase B
- Heat water of phase C at 75°C and slowly add it to phase AB under medium/high shear until obtaining a homogenous emulsion
- Cool down to 60°C and add the rest of phase B. Homogenize quickly
- Cool down by adding **TRIS AMINO™ ULTRA PC** solution
- When the temperature is below 30°C, add phase D ingredients in order
- Adjust the pH to 7 with phase E

### Stability

Stable at least 2 months at RT, 4°C and 40°C (still ongoing).

### Comments

- pH = 7.09
- Viscosity (spindle 7; 10 rpm; 1 min) = 144,000 cPs (36.0 %)
- Application: Apply on the body before or after your workout session. It will neutralize odors and keep your skin super moisturized and fresh.
- White cream with fresh lime fragrance and a cloud like texture.

Campaign: FITSPIRATION | Reference: FR6517 10 | Issued by: Univar's EMEA PC Laboratory in Versailles, France

\* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

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