

EU07276

MARINE PROTECTIVE DEODORANT



O/W Emulsion

- White fluid
- Packaging: roll-on
- SOLAGUM[™] TARA stabilizes the formula rich in aluminum salts
- Double action of MONTANOV™ L which plays the role of an emulsifier as well as it maintains skin moisturized
- Anti-perspirant with good absorbing properties



EU07276 - 0713

| Formula | | |
|---------|---|---|
| Α | MONTANOV™ L Isopropyl Myristate Cyclopentasiloxane and | 2,00 % 1,00 % |
| | Cyclohexasiloxane Propylene Glycol and Phenoxyethanol and Methylparaben and Ethylparaben | 1,00 % |
| В | Aqua/Water SOLAGUM™ TARA | 25,00% 1,00 % |
| С | Aqua/Water Chlorhydrate aluminium (sol 50%) Tetrasodium Glutamate Diacetate SEPIMAT™ CP 5 Phycocorail | Up to 100 % 30,00 % 0,30 % 1,00 % 0,50% |
| D | Neutralizing base | Up to |

Procedure

(Pilot – Trimix – 5kg)

Weigh phase A ingredients in the main vessel and heat up to 80° C. Prepare phase B and heat to 80° C. Add phase B to the main tank and homogenize. Add water and aluminum salts then mix well and let to cool down to 45° C. Then add the remaining ingredients of phase C into the beaker. When homogeneous, add phase D into the main batch and mix.

Characteristics

Appearance
pH
Viscosity 1M at RT
Viscosity 1M at 45° C
Viscosity recovery at RT
(after 1 M at 45° C)
Stability*

White thin emulsion

3,000 mPa.s BROOKFIELD LV2 speed 6 750 mPa.s BROOKFIELD LV2 speed 6 3,000 mPa.s BROOKFIELD LV2 speed 6

> M1 at RT and 45° C After 1 month of freeze/thaw cycles

-5 / +40° C

Stable after 18h at -18° C

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* Our stability protocols are available at your request.

Raw materials from SEPPIC

MONTANOV™ L

C14-22 Alcohol and C12-20 AlkvlGlucoside

Glucolipid emulsifier in harmony with nature. MONTANOV L is well-suited to formulate different textures (from sprayable to butter cream) no matter the nature or the quantity of fatty phase used. It stabilizes emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration (efficacy proven in vivo). Ecocert and Natrue approved.

SOLAGUM™ TARA

Caesalpinia Spinosa Gum

A powerful thickening natural gum from Caesalpinia spinosa endosperm seeds. Synergistic efficiency with synthetic and natural polymers. Ecocert, Cosmos and Natrue approved.

SEPIMAT™ CP 5

Methyl Methacrylate Crosspolymer

SEPIMATTM CP 5 is a versatile texturizing agent, consisting of solid spheres with a smooth surface. These ultra-soft microspheres do not dry out the skin and are perfect for all types of formulations. In formulation, it imparts a soft and powdery feel onto the skin with a matte finish. At higher percentages of SEPIMATTM CP 5 result in a more pronounced powdery feel.

PHYCOCORAIL™

Corallina Officinalis Extract

The pink seaweed Corallina Officinalis maintains its cellular and metabolic integrity under strong thermal stress. PHYCOCORAIL provides UV protection to the skin. With high porosity it's also a good absorber or a vehicule for actives.

Other raw materials...

- ·Isopropyl Myristate: DUB IPM (STEARINERIE DUBOIS)
- · Cyclopentasiloxane and Cyclohexasiloxane : Dow Corning 345 Fluid (DOW CORNING)
- ·Tetrasodium Glutamate Diacetate : Dissolvine GL-38 (AKZONOBEL)
- Propylene Glycol and Phenoxyethanol and Methylparaben and Ethylparaben: EUXYL K320 (SCHULKE & MAYR)

