



## NAPPY RASH CREAM FOR BABIES 6494

### Formula

<b>A</b>	<ul style="list-style-type: none"><li>• <b>MONTANE 481VG</b> (<i>Sorbitan oleate/Beeswax/Stearic acid - SEPPIC</i>)</li><li>• PEG-45 Dodecylglycol copolymère</li><li>• Squalane (vegetable origin)</li><li>• SEPICIDE HB (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben/Butylparaben - SEPPIC</i>)</li></ul>	8.00 % 2.00 % 30.00 % 01.00 %
<b>B</b>	<ul style="list-style-type: none"><li>• Water</li><li>• Glycerin</li><li>• MgSO4 7H2O</li></ul>	QSP 100 % 5.00 % 0.70 %
<b>C</b>	<ul style="list-style-type: none"><li>• Zinc oxide</li><li>• Fragrance</li></ul>	10.00 % 0.20 %

### Procedure

Heat A and B to 80°C separately . Emulsify **B into A** with sufficient shear rate. After 4' add the zinc oxide. Maintain the shear rate until the emulsion has cooled down then add perfume at 30°C.

### Comments

**MONTANE 481VG** A water in oil emulsifier which allows emulsification of low polar oils like paraffin oil or squalane. It provides to the emulsions a great stability without any oily exsudation after 3 months at 50°C. The given emulsion is also resistant to freeze-thaw cycles (-5°C/+40°C)

**SEPICIDE HB** Preservative

### Characteristics

appearance white smooth cream  
viscosity about 30,000 mPa.s BROOKFIELD LV4 6rpm  
stability excellent stability at room temperature/40°C/50°C/ and freeze-thaw cycles (-5°C/+40°C)  
stable at centrifugation at 50°C



## Notes

PEG-45 Dodecylglycol copolymer: ELFACOS ST9 (AKZO)  
Vegetable squalane: FITODERM (HISPANO CHIMICA)  
Ultrafine zinc oxide: Z-COTE (SUNSMART)  
Fragrance: MUSTY PN00307 (QUEST)

### 6494 - A9406

***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.***