

MASSOCARE Multifunctionals

*Solutions for wet wipes,
creams & lotions and
antiperspirants*



PRESENTATION PLAN

- ❑ **MASSOCARE**
Multifunctionals:
what, why, how ?
- ❑ **Product Range**
 - » **MASSOCARE WIPE**
 - » **MASSOCARE MILK**
 - » **MASSOCARE C-AP**



MASSOCARE Multifunctionals

- ❑ **MASSOCARE Multifunctionals** are ready to use **cosmetic ingredients**, ideal for the design of a variety of personal care products
- ❑ Designed in our **development & application laboratory**
- ❑ **Simplify** the **manufacturing** of certain formulations
- ❑ **Dilution** of **MASSOCARE Multifunctionals** leads to the obtention of finished products
- ❑ Addition of **actives** and/or other **formulation auxiliaries** depends on the final goal

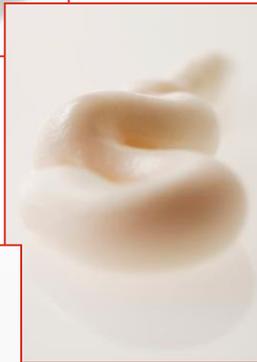


PRODUCT RANGE



Massocare MILK3
Massocare MILK3 PF

Multifunctional ingredient for **creamy-gels, lotions** and **sprayables**



Massocare C3-AP

Multifunctional ingredient for **antiperspirant** roll-on's



Massocare WIPE60
Massocare WIPE60 PF

Multifunctional ingredient for **wet wipes**

MASSOCARE WIPE

The solution for wet wipes



MASSOCARE WIPE

O/W macro-emulsions specially designed for **wet wipes applications**

MASSOCARE WIPE60

MASSOCARE WIPE60 PF

INCI Name

Aqua, Isopropyl Isostearate, Triethylhexanoin, Glycerin, Steareth-100, Steareth-2

Appearance

White, shiny viscous cream

Preservative

Phenoxyethanol, Methylparaben, Propyl-paraben, 2-Bromo-2-Nitropropane-1,3-diol

Caprylyl Glycol, Glyceryl Caprylate, Dipropylene Glycol (*paraben-free*)

MASSOCARE WIPE

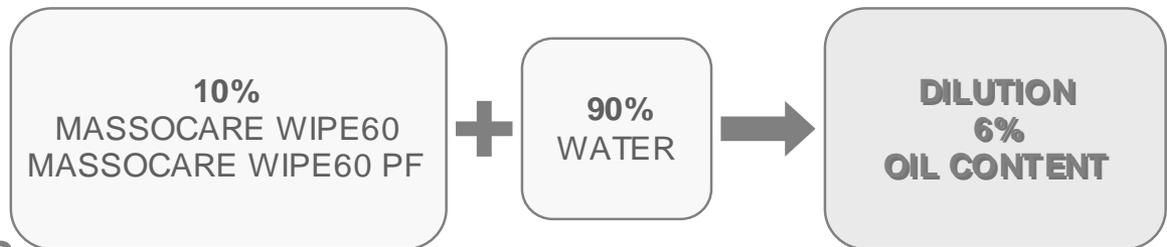
Why an emulsion ?

- ❑ fastest growth rate wet wipes segment
- ❑ superior skin care benefits than surfactant or solubiliser based wipes
- ❑ provide a hydrophobic barrier which **protects and moisturises** the skin thanks to the lipids, waxes and moisturising ingredients that they contain
- ❑ have a positive impact on the **skin after-feel**, providing smoothness and softness

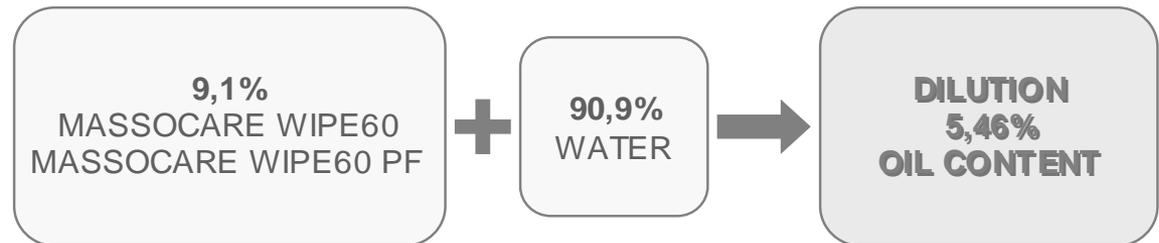
MASSOCARE WIPE

- ❑ MASSOCARE WIPE can be easily diluted by simply **adding water under stirring**, there is no need to homogenise
- ❑ Depending on the requirements of the final product, we suggest **two levels of dilution**:

- » **Dilution 1:9**



- » **Dilution 1:10**



MASSOCARE WIPE

□ Preservation

» MASSOCARE WIPE60

The preservative system is enough to protect the product, the dilution and the impregnated wipes.

» MASSOCARE WIPE60 PF

The preservative system is enough to protect the product. The dilution requires additional preservation (Recommendation: $\leq 0.3\%$ Cosphaderm Dicapo (COSPHATEC))

□ Stability

The suggested dilutions are **stable 1 week at room temperature**

MASSOCARE WIPE



Cleansing Efficacy

MASSOCARE WIPE are **macro-emulsions**

Oil droplets are big

Bigger than the ones of typical nano-emulsions used in wet wipes applications

Oil is easily delivered onto the skin

Easier than the case of nano-emulsions, where the oil is trapped into the system

MASSOCARE WIPE have **superior cleansing properties**

MASSOCARE WIPE

❑ Formulation Flexibility

- » MASSOCARE WIPE are compatible with all types of cosmetic oils: Non-polar (mineral oil, isohexadecane...), Polar (cyclopentasiloxane, vegetable oils...)
- » Cosmetic actives (preferably oil soluble) can be also added to the formulation

❑ Emolliency

MASSOCARE WIPE contain two emollients with excellent sensorial properties:

- » **Triethylhexanoin**
 - Medium-polarity dry emollient
 - Good solvent for organic sunscreens
 - Ideal for facial products, light, good spreading
- » **Isopropyl Isostearate**
 - Medium-polarity light feel emollient
 - High moisturisation potential
 - Effective solvent for hydrophobic actives

MASSOCARE WIPE60

Drainage

MASSOCARE®
WIPE60 is
thixotropic

**very low viscosity during
impregnation**

It is maintained low while the
emulsion is being handled

when shear force stops,
the **viscosity increases
immediately** and the
product gets fixed to the
wipe

MASSOCARE MILK

Solution for creamy-gels, lotions and sprayables



MASSOCARE MILK

Ready to use multifunctional **o/w emulsions**, ideal for the design of all types of **skin care products**, both for facial or for body treatments

MASSOCARE MILK 3

MASSOCARE MILK 3 PF

INCI Name

Caprylic/capric Triglyceride, Triethylhexanoin, Glycerin, Polyperfluoroethoxymethoxy Difluoroethyl PEG Phosphate

Appearance

White glossy fluid emulsion

Preservative

Propylene glycol, Diazolidinyl Urea, Methylparaben, Propylparaben

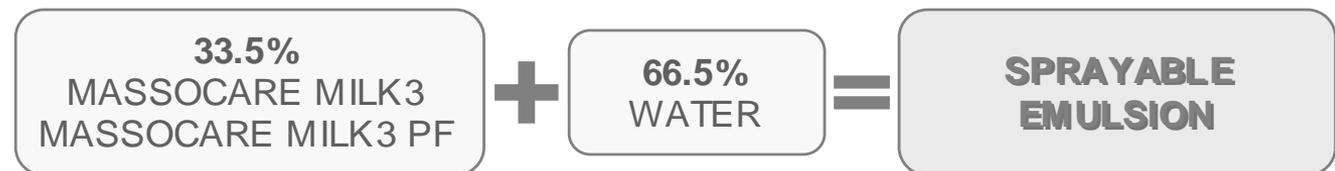
Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid
(*paraben-free*)

MASSOCARE MILK

With **MASSOCARE MILK** you can formulate, through a **cold process**

- ❑ **sprayable emulsions** in only **1 step**
- ❑ **lotions or creamy-gels** in **2 steps**

STEP 1 - Dilution 1:2



STEP 2 - Built viscosity



MASSOCARE MILK

❑ Preservation

» MASSOCARE MILK3

Concentrate's preservative system is enough to protect the concentrate and its concentrated dilution

» MASSOCARE WIPE3 PF

Concentrate's preservative system is enough to protect the concentrate. The dilution requires additional preservation (Recommendation: 0.6% Geogard ECT (LONZA))

❑ Thickening

Recommended products:

» MASSOCARE TCK A1 (INCI: Sodium Polyacrylate, Paraffinum Liquidum, Trideceth-6)

» MASSOCARE TCK A5 (INCI: Sodium Polyacrylate, Hydrogenated Polydecene, Trideceth-6)

» MASSOCARE TCK1 (INCI: Carbomer)

MASSOCARE MILK

Features & Benefits

- ❑ Final **oil** content: **13,4 %**
- ❑ **Cost effective system:**
- ❑ Simplifies **logistics** and **handling** as you have almost your finished formulation in one single ingredient
- ❑ Energy saving: **cold process**
- ❑ **Excellent cosmetic feel** with superior **emolliency**, which is provided by the esters in the oil phase
- ❑ Skin **moisturising** thanks to the presence of glycerine. In-vivo test available.
- ❑ The emulsifier has also very powerful film forming properties, and thus, contributes to **skin protection**
- ❑ **Flexible system**, compatible with a broad range of personal care ingredients. Even alcohol can be added without influencing the final viscosity



MASSOCARE MILK

Prototype Formulations

FACIAL TREATMENTS

F01-170-01 Facial Firming Fluid

F01-272-01 “Cinderella” CC Cream

E01-286-01 CC Cream: Complete Daily Treatment

F03-026-01 Forever Perfect: Anti-acne Treatment Serum

F03-018-01 Moisturising Creamy-Gel

F03-042-03 Sparkling Warming Creamy-Gel

BODY TREATMENTS

F18-030-02 Soothing & Repairing Hand Cream

F18-033-01 Moisturising & Nourishing Hand Cream

F20-087-01 Moisturising Cream Base

F20-115-02 Calming & Cooling Body Milk

F22-064-03 Moisturising Sprayable Base

SUN CARE

F11-143-03 Protective Sun Cream SPF20

F11-143-07 Protective Sun Cream SPF20

MASSOCARE C3-AP

Solution for antiperspirants



MASSOCARE C3-AP

MASSOCARE C3-AP: antiperspirant concentrated o/w emulsions for the manufacture of roll-ons

MASSOCARE C3-AP

INCI Name

Aqua, Aluminum Sesquichlorhydrate,
PPG-15 Stearyl Ether, Steareth-2, Steareth-21

Appearance

White viscous emulsion

Preservative

Preservative-free



MASSOCARE C3-AP

□ The **ACTIVE:**

Enhanced Efficacy Aluminum Chlorohydrate antiperspirant active, a second generation of **Aluminum Sesquichlorohydrate** with **superior sweat inhibition performance**. Increased efficacy is due to reduction in the aluminium polymer molecular weight distributions compared to the standard materials.

□ The **SYSTEM:**

Steareth-2 and Steareth-21 in combination with **PPG-15 Stearyl Ether**.

A system that provides

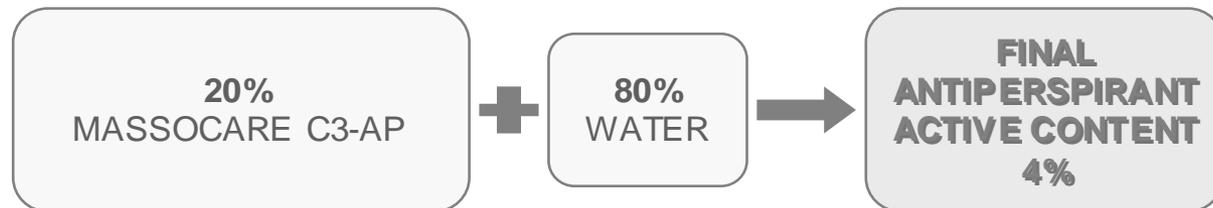
- » ideal sensorial properties: **light, non-tacky feel and excellent spreadability**
- » guaranteed **stability**

MASSOCARE C3-AP

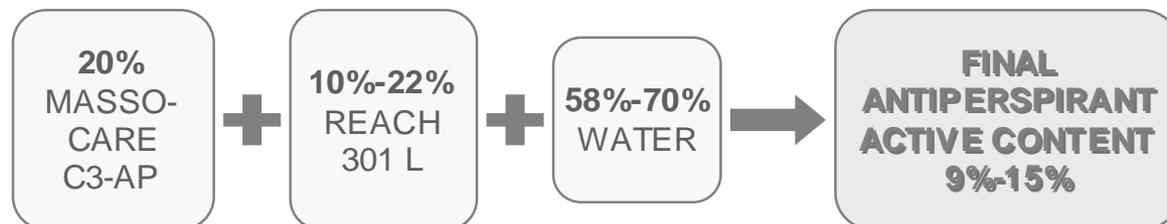
MASSOCARE C3-AP becomes a commercial antiperspirant roll-on emulsion only by **dilution with water**.

Two options:

Option 1



Option 2: with additional antiperspirant active



MASSOCARE Multifunctionals

SUMMARY



MASSOCARE WIPE

- Solutions for wet wipes



MASSOCARE MILK

- Solutions for sprayables, milks and creamy-gels



MASSOCARE C3-AP

- Solutions for antiperspirant roll-ons

**THANKS FOR
YOUR
ATTENTION**

