

# Comfort Expert

Gemseal Body Care Collection

Fast absorption,  
Divinely nutritive



**TOTAL**

## Comfort Expert

- Dream Moisture Body Milk
- Ultra Slimming Gel Cream
- Intense Cold Cream
- Nourishing Hand Cream
- Nail Strengthening Serum

Formulas developed by Labosphère



[www.labosphere.com](http://www.labosphere.com)

## Gemseal, enhancing the touch and feel of formulas

A break, a moment of self-indulgence spent nourishing one's skin, restoring balance and softness... Hand and body care products are often much more than personal care formulas, they are the pivotal element of intimate rituals. As such, their luxurious and nutritive benefits need to be delivered with just the right glide and the most perfect after-feel. Too rich, too oily, the product would ruin the moment.

The hand and body care collection has been precisely designed to illustrate not only the sophisticated touch of the Gemseal range but also its compatibility with both classical and more advanced emulsifying technologies.

# Comfort Expert Dream Moisture Body Milk

FM14318.01

The subtle combination of Gemseal 70's roundness and Geamseal 40's dry touch creates a fluid milk that nourishes and moisturizes the skin with a velvety smooth finish.

It illustrates the good compatibility of Gemseal with anionic emulsifiers and vegetable butters to design cost-efficient formulas with high performances.

## Operating mode

Weigh, stir and heat the ingredients of phase A to 75°C.

Weigh, stir and heat the ingredients of phase B to 75°C.

At 75°C, pour phase A into phase B while stirring vigorously then cool down the mixture.

At 50°C, add phase C to (A+B) and continue cooling.

Separately premix the ingredients of phase D.  
At 35°C, add phase D to (A+B+C).

Premix the ingredients of phase E. At 30°C, add phase E to (A+B+C+D).

At 30°C, add the ingredients of phase F to (A+B+C+D+E).

5,80<pH<6,20.

## Phase A

|   |        |
|---|--------|
| EUMULGIN SG (BASF)                                    |        |
| <i>Sodium Stearoyl Glutamate</i> .....                | 0,80 % |
| ARLACEL 165 FP-PA-(RB) (CRODA)                        |        |
| <i>Glyceryl Stearate &amp; PEG 100 Stearate</i> ..... | 2,50 % |
| LANETTE O OR (BASF)                                   |        |
| <i>Cetearyl Alcohol</i> .....                         | 1,80 % |
| DUB DSPE (STEARINERIE DUBOIS)                         |        |
| <i>Pentaerythrityl Distearate</i> .....               | 1,00 % |
| KARITE CP (SOPHIM)                                    |        |
| <i>Butyrospermum Parkii Butter</i> .....              | 2,00 % |
| <b>GEMSEAL 70 (TOTAL)</b>                             |        |
| <i>C16-23 Alkane</i> .....                            | 6,00 % |
| <b>GEMSEAL 40 (TOTAL)</b>                             |        |
| <i>C15-19 Alkane</i> .....                            | 3,00 % |

## Phase B

|   |         |
|---|---------|
| DEMINERALIZED WATER                                 |         |
| <i>Aqua</i> .....                                   | 65,45 % |
| EDETA BD (BASF)                                     |         |
| <i>Disodium EDTA</i> .....                          | 0,10 %  |
| ALLANTOIN (ASHLAND)                                 |         |
| <i>Allantoin</i> .....                              | 0,10 %  |
| ZEMEA PROPANEDIOL (DUPONT TATE & LYLE BIO PRODUCTS) |         |
| <i>Propanediol</i> .....                            | 3,00 %  |
| GLYCERINE CODEX (INTERCHIMIE)                       |         |
| <i>Glycerin</i> .....                               | 2,00 %  |
| RHODICARE T (RHODIA)                                |         |
| <i>Xanthan Gum &amp; Aqua</i> .....                 | 0,20 %  |

|   |        |
|---|--------|
| SEPINOV EMT10 (SEPPIC)  |        |
| <i>Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer &amp; Sorbitan Isostearate &amp; Polysorbate 60 &amp; Aqua</i> ..... | 1,00 % |

## Phase C

|                             |        |
|-----------------------------|--------|
| PHENOXETOL (CLARIANT)       |        |
| <i>Phenoxyethanol</i> ..... | 0,60 % |

## Phase D

|                                    |        |
|------------------------------------|--------|
| DEMINERALIZED WATER                |        |
| <i>Aqua</i> .....                  | 5,00 % |
| TREHALOSE 100 (HAYASHIBARA/NAGASE) |        |
| <i>Trehalose</i> .....             | 2,00 % |

## Phase E

|   |        |
|---|--------|
| DEMINERALIZED WATER   |        |
| <i>Aqua</i> .....   | 2,00 % |
| AQUALICIA (EXPANSCIENCES)   |        |
| <i>Hydrolyzed Acacia Macrostachya Seed Extract &amp; Maltodextrin</i> ..... | 0,50 % |

## Phase F

|   |        |
|---|--------|
| GEOGARD ECT (LONZA)   |        |
| <i>Benzyl Alcohol &amp; Salicylic Acid &amp; Glycerin &amp; Sorbic Acid</i> ..... | 0,60 % |
| THE VERT FRUITE 47122/CA (CONCEPT AROMATIQUE)                                     |        |
| <i>Fragrance</i> .....  | 0,35 % |

# Comfort Expert Ultra Slimming Gel Cream

HM14337.01

This original emulsified gel envelops the skin with persisting freshness. Enriched with Stevia to stimulate lipolysis, it reduces the appearance of cellulite and softens the skin's texture.

Offering an ideal balance between cushion feel and dry touch, Gemseal 60 combines a pleasant glide with just the right penetration, enhancing the massage experience that suits slimming care so well.

## Operating mode

Weigh and stir the ingredients of phase A.

Weigh and stir the ingredients of phase B.

Pour phase A into B.

While stirring vigorously, add the ingredients of phase C one at a time.

While stirring vigorously, add phase D to (A+B+C).

Separately premix the ingredients of phase E. Add phase E to (A+B+C+D).

While stirring vigorously, add the ingredients of phase F one at a time.

5,80 <pH<6,20.

## Phase A

### GEMSEAL 60 (TOTAL)

C18-C21 Alkane ..... 9,00 %

## Phase B

### DEMINEALIZED WATER

Aqua ..... 80,25 %

### GLYCERINE CODEX (INTERCHIMIE)

Glycerin ..... 3,00 %

### CARBOPOL ULTREZ 21 (LUBRIZOL)

Acrylates/C10-30 Alkyl Acrylate

Crosspolymer ..... 0,40 %

### CREAGEL EZ4 (CREATION COULEURS) Sodium

Acrylate/Sodium Acryloyldimethyl Taurate

Copolymer & C13-14 Isoparaffin & Laureth-7 ..... 1,50 %

## Phase C

### PHENOXYTOL (CLARIANT)

Phenoxyethanol ..... 0,90 %

### SODIUM HYDROXYDE SOLUTION

10% in WATER

Aqua & Sodium Hydroxide ..... 0,72 %

## Phase D

### SLIMASTEVA (SOLABIA)

Glycerin & aqua & Ilex paraguariensis (mate) leaf extract & stevia rebaudiana (stevia) extract ..... 0,10 %

## Phase E

### DEMINEALIZED WATER

Aqua ..... 1,50 %

### HYDROLITE-5 (SYMRISE)

Pentylene Glycol ..... 1,00 %

### CHLORPHENESIN BP 73 (SHASUN)

Chlorphenesin ..... 0,20 %

## Phase F

### CIBAFast H LIQUIDE (BASf)

Buteth-3 & Sodium Benzotriazolyl Butylphenol Sulfonate & Tributyl Citrate ..... 0,20 %

### UNICERT-YELLOW 08005-J 0,1% SOLUTION in WATER (SENSIENT)

Aqua & C119140 ..... 0,68 %

### UNICERT BLUE 05601-J 0,1% SOLUTION in WATER (SENSIENT)

Aqua & C142090 ..... 0,25 %

### FRAGRANCE SLIM CONCEPT 46464/OM (CONCEPT AROMATIQUE)

Fragrance ..... 0,30 %

# Comfort Expert Intense Cold Cream

ED10306.12B

Associating the nourishing virtues of Shea butter and the softness of Gemseal 120, this ultra rich cold cream is designed for very dry skins. It penetrates easily and creates a protective barrier against environmental aggressions, delivering a deep sensation of comfort.

## Operating mode

Weigh, stir and heat the ingredients of phase A to 75°C.

Weight the ingredients of phase B one at a time, then stir and heat to 75°C.

At 75°C, pour A into B then cool down the mixture.

At 50°C, add phase C to (A+B).

At 45°C, add phase D to (A+B+C).

Separately premix the ingredients of phase E. At 35°C, add phase E to (A+B+C+D).

At room temperature, add the ingredients of phase F one at a time.

6,00 <pH<6,20.

## Phase A

EMULIUM DELTA (GATTEFOSSE)

*Cetyl Alcohol & Glyceryl Stearate & PEG-75*

*Stearate & Ceteth-20 & Steareth-20*..... 6,00 %

CERAFLUID (PRINCIPIUM)

*Olive Glycerides & Ceramide 3*..... 2,00 %

LANETTE O OR (BASF)

*Cetearyl Alcohol*..... 1,50 %

ABWAX WHITE BEESWAX PEARLS (BRASCA)

*Cera Alba*..... 2,00 %

**GEMSEAL 120** (TOTAL)

*C21-28 Alkane*..... 10,00 %

KARITE CP (SOPHIM)

*Butyrospermum Parkii Butter*..... 4,00 %

## Phase B

DEMINERALIZED WATER

*Aqua*..... 62,59 %

GLYCERINE CODEX (INTERCHIMIE)

*Glycerin*..... 5,00 %

EDETA BD (BASF)

*Disodium EDTA*..... 0,10 %

ALLANTOIN (ASHLAND)

*Allantoin*..... 0,10 %

RHODICARE T (RHODIA)

*Xanthan Gum & Aqua*..... 0,10 %

SEPINOV EMT10 (SEPPIC)

*Hydroxyethyl Acrylate/Sodium Acryloyldimethyl*

*Taurate Copolymer & Sorbitan Isostearate &*

*Polysorbate 60 & Aqua*..... 0,90 %

## Phase C

PHENOXETOL (CLARIANT)

*Phenoxyethanol*..... 0,80 %

## Phase D

SODIUM HYDROXIDE SOLUTION 10% in WATER

*Aqua & Sodium Hydroxide*..... 0,06 %

## Phase E

HYDROLITE-5 (SYMRISE)

*Pentylene Glycol*..... 1,00 %

DEMINERALIZED WATER

*Aqua*..... 3,25 %

CHLORPHENESIN BP 73 (SHASUN)

*Chlorphenesin*..... 0,20 %

## Phase F

TOCOMIX L70 IP (IMCD)

*Tocopherol & Helianthus Annuus Seed Oil*..... 0,20 %

FRAGRANCE GINGERLILY FEMA LA0011

(MLLE PARFUMETTE)

*Fragrance*..... 0,20 %

# Comfort Expert Nourishing Hand Cream

HM14290.04A

This emulsion has been designed for dry and damaged skins. Its original liquid crystal structure associated with Gemseal oils, Avocado-oil and Shea butter create an amazingly rich but never greasy experience to replenish the skin lipids and provide long-lasting comfort.

The supreme texture is obtained by the combination of Gemseal 40 (dry and velvety) and Gemseal 60 (soft and generous). Their excellent compatibility with non-ionic emulsifiers and various vegetable oils makes them both user-friendly and cost-effective substitutes for esters.

## Operating mode

Weigh, stir and heat the ingredients of phase A to 75°C.

Weigh, stir and heat the ingredients of phase B to 75°C.

At 75°C, pour phase A into B while stirring vigorously then cool down the mixture.

At 72°C, pour C into (A+B) while stirring moderately. Continue cooling while stirring moderately.

At 50°C, add the ingredients of phase D to (A+B+C).

Separately premix the ingredients of phase E. At 35°C, add E to (A+B+C+D).

At 30°C, add the ingredients of phase F to (A+B+C+D+E).

5,80 <pH<6,20.

## Phase A

|   |        |
|---|--------|
| BRIJ S2-PA-(RB) (CRODA)                       |        |
| Steareth-2.....                               | 3,00 % |
| BRIJ S721-PA-(SG) (CRODA)                     |        |
| Steareth-21.....                              | 2,00 % |
| ARLAMOL PS15E-LQ-(RB) (CRODA)                 |        |
| PPG-15 Stearyl Ether & BHT.....               | 2,00 % |
| LANETTE O OR (BASF)                           |        |
| Cetearyl Alcohol.....                         | 1,50 % |
| KARITE CP (SOPHIM)                            |        |
| Butyrospermum Parkii Butter.....              | 1,00 % |
| LIPOCIRE A (GATTEFOSSE)                       |        |
| C10-18 Triglycerides.....                     | 2,00 % |
| REFINED AVOCADO OIL BCE1083<br>(BIOCOSMETHIC) |        |
| Persea Gratissima Oil.....                    | 1,50 % |
| <b>GEMSEAL 40</b> (TOTAL)                     |        |
| C15-19 Alkane.....                            | 5,00 % |
| <b>GEMSEAL 60</b> (TOTAL)                     |        |
| C18-C21 Alkane.....                           | 2,00 % |

## Phase B

|   |         |
|---|---------|
| DEMINEALIZED WATER                                |         |
| Aqua.....   | 69,26 % |
| GLYCERINE CODEX (INTERCHIMIE)                     |         |
| Glycerin.....                                     | 3,00 %  |
| ALLANTOIN (ASHLAND)                               |         |
| Allantoin.....                                    | 0,10 %  |
| CARBOPOL ULTREZ 21 (LUBRIZOL)                     |         |
| Acrylates/C10-30 Alkyl Acrylate Crosspolymer..... | 0,25 %  |

## Phase C

|   |        |
|---|--------|
| SK INFLUX V (EVONIK GOLDSCHMIDT)  |        |
| Aqua & Sodium Lauroyl Lactylate & Ceramide Np & Phenoxyethanol & Ceramide Ap & Phytosphingosine & Cholesterol & Xanthan Gum & Carbomer & Ethylhexylglycerin & Ceramide Eop..... | 2,00 % |

## Phase D

|  |        |
|--|--------|
| PHENOXYETOL (CLARIANT)                 |        |
| Phenoxyethanol.....                    | 0,80 % |
| SODIUM HYDROXYDE SOLUTION 10% in WATER |        |
| Aqua & Sodium Hydroxide.....           | 0,54 % |

## Phase E

|                              |        |
|------------------------------|--------|
| DEMINEALIZED WATER           |        |
| Aqua.....                    | 1,00 % |
| HYDROLITE-5 (SYMRISE)        |        |
| Pentylene Glycol.....        | 1,00 % |
| CHLORPHENESIN BP 73 (SHASUN) |        |
| Chlorphenesin.....           | 0,25 % |

## Phase F

|  |        |
|--|--------|
| DRY FLO PLUS (GM-VERSION) (AKZO NOBEL)       |        |
| Aluminum Starch Octenylsuccinate & Aqua..... | 1,50 % |
| ANGELA LA0046 (MILLE PARFUMETTE)             |        |
| Fragrance.....                               | 0,30 % |

# Comfort Expert Nail Strengthening Serum

CAP14289.02

Packed with Argan and Camelia oils, this concentrated serum deeply repairs and strengthens damaged nails. Apply a small drop onto the nail and massage to work it in.

Completely anhydrous, this unique blend of actives and oils demonstrates the excellent compatibility of Gemseal 40 with oil gelling agents.

## Operating mode

Weigh and stir the ingredients of phase A.

Add the ingredients of phase B one at a time and stir.

Add the ingredients of phase C one at a time and stir.

## Phase A

VERSAGEL ME1600 (CALUMET SPECIALTY)  
*Hydrogenated Polyisobutene (and) Ethylene/  
Propylene/Styrene Copolymer (and) Butylene/  
Ethylene/Styrene Copolymer*..... 40,000 %

## Phase B

**GEMSEAL 40 (TOTAL)**  
*C15-19 Alkane*..... 49,336 %  
ORGANIC VIRGIN CAMELLIA OIL BCE1542  
(BIOCOSMETHIC)  
*Camellia Oleifera Seed Oil*..... 5,000 %  
ORGANIC DEODORIZED ARGAN OIL (BCE1536)  
(BIOCOSMETHIC)  
*Argania Spinosa Kernel oil*..... 4,000 %  
LAKESIS (CODIF INTERNATIONAL)  
*Caprylic/Capric Triglyceride &  
Pistacia Lentiscus (Mastic) Gum*..... 0,250 %  
PARSOL GUARD (DSM)  
*Octocrylene & Butyl Methoxydibenzoylmethane &  
Tocopherol & Homosalate & Helianthus Annuus  
Seed Oil*..... 0,200 %

## Phase C

RONASTAR NOBLE SPARKS (MERCK)  
*Calcium Aluminum Borosilicate & Silica &  
CI 77891 & Tin Oxide*..... 0,014 %  
UNICERT VIOLET K7014-J at 0,1% in CETIOL CC  
(SENSIENT/BASF)  
*Dicaprylyl Carbonate & CI60725*..... 0,800 %  
PARFUM FRUITS ROUGES FML00100  
(MLLE PARFUMETTE)  
*Fragrance*..... 0,400 %



**SPECIAL FLUIDS DIVISION**

24, Cours Michelet - La Défense  
92069 Paris La Défense - Cedex

[www.totalspecialfluids.com](http://www.totalspecialfluids.com)  
[special.fluids@total.com](mailto:special.fluids@total.com)