



SPECIAL FLUIDS DIVISION
24, Cours Michelet - La Défense
92069 Paris La Défense - Cedex

www.totalspecialfluids.com
special.fluids@total.com

January 2016 / Agency : Re-Source!

The Formula

Gemseal Face Care Collection

Achieving
Absolute Elegance



The Formula

- Supreme Luxurious Cream
- Up-Close Anti Pollution Serum
- Rejuvenating Eye Treatment
- Healthy Glow Day Care
- Matte Perfecting Fluid

Formulas developed by Labosphère



www.labosphere.com



Gemseal, perfecting the art of graceful textures

Face care is certainly among the most challenging types of formulation. Fast-absorbing textures for efficient morning routine need to guarantee over 8 hours of hydration and skin protection.

Luxurious comforting night treatments must be elegant and non-sticky. Sophisticated eye care serums are expected to be delicate and subtle...

To facilitate the creative work of formulation chemists, Gemseal comes as a complete palette of highly elegant though robust emollients compatible with most emulsifying and gelling systems.

As an illustration, The Formula Collection presents Gemseal specialty alkanes in a selection of the trendiest face care textures in the market.

The Formula

Supreme Luxurious Cream

REF. HL15098.04B

A super rich high-density creamy texture that magically melts in contact with the skin. Packed with cocoa butter, it delivers a hyper-nourishing experience – but all with graceful elegance.

Gemseal 60 and Gemseal 120 helps create a reach round feel upon application.

Gemseal 40 makes spreading easy and pleasurable.

Operating mode

Mix the ingredients of Phase A and heat to 75°C.

Mix the ingredients of Phase B and heat to 75°C.

At 75°C pour phase A into phase B whilst stirring.

At 50°C, whilst stirring, pour C into (A+B)

At 45°C, whilst stirring, pour D into (A+B+C)

At 30°C, whilst stirring, pour E into (A+B+C+D)

5.50<pH<6.00

Phase A

EMULIUM DELTA (GATTEFOSSE)
*Cetyl Alcohol & Glyceryl Stearate
& Peg-75 Stearate & Ceteth-20 & Steareth-20*..... 5.00 %

LIPOCIRE A (GATTEFOSSE)
C10-18 Triglycerides..... 4.00 %

LANOL P (SEPPIC)
Glycol Palmitate 4.50 %

ORGANIC COCOA BUTTER (BCE 1508)
(BIOCOSMETHIC)
Theobroma Cacao Seed Butter 2.00 %

GEMSEAL 40 (TOTAL)
C15-19 Alkane 3.50 %

GEMSEAL 60 (TOTAL)
C18-21 Alkane 5.50 %

GEMSEAL 120 (TOTAL)
C21-28 Alkane..... 2.80 %

Phase B

EAU DEMINERALISÉE
Aqua 65.50 %

EDETA BD (BASF)
Disodium Edta 0.10 %

CARBOPOL ULTREZ 21 (GATTEFOSSE)
Acrylates/C10-30 Alkyl Acrylate Crosspolymer..... 0.20 %

GLYCERINE CODEX (INTERCHIMIE)
Glycerin..... 2.00 %

RHODICARE T (RHODIA)
Xanthan Gum & Aqua..... 0.15 %

HYDROLITE-5 (SYMRISE)
Pentylene Glycol..... 1.00 %

CHLORPHENESIN BP 73 (SHASUN)
Chlorphenesin & Aqua 0.20 %

Phase C

SOUDE SOLUTION AQUEUSE 10% (COOPER)
Aqua & Sodium Hydroxide..... 0.40 %

Phase D

PHENOXETOL (CLARIANT)
Phenoxyethanol..... 0.80 %

Phase E

CORAZON / SA LA0042 (MILLE PARFUMETTE)
Fragrance..... 0.35 %

The Formula

Up-Close Anti Pollution Serum

REF. SD15159.02A

Imagine a texture that you could wear all day as an effective protective second skin against pollution – but so light it is unnoticeable. Formulated with a moisturizing emulsifier and an anti-pollution polysaccharide matrix, it represents the next generation of intelligent formulas.

It owes its softness and velvet feel to Gemseal 60. Gemseal 25 makes it divinely light.

Operating mode

Mix the ingredients of Phase A and heat to 80°C.

Mix the ingredients of Phase B and heat to 80°C.

At 80°C pour phase A into phase B whilst stirring.

At 50°C, whilst stirring, pour C into (A+B)

At 30°C, whilst stirring, pour D into (A+B+C)

5.50 < pH < 6.00

Phase A

TEGO CARE 450 (EVONIK)	
<i>Polyglyceryl-3 Methylglucose Distearate</i>	3.00 %
CUTINA GMS V (BASF)	
<i>Glyceryl Stearate</i>	1.00 %
AMPHISOL K (DSM)	
<i>Potassium Cetyl Phosphate</i>	0.50 %
LANETTE O OR (BASF)	
<i>Cetearyl Alcohol</i>	1.00 %
LANETTE 16 (BASF)	
<i>Cetyl Alcohol</i>	1.50 %
DUB MM (STEARINERIE DUBOIS)	
<i>Myristyl Myristate</i>	2.00 %
GEMSEAL 60 (TOTAL)	
<i>C18-21 Alkane</i>	6.00 %
GEMSEAL 25 (TOTAL)	
<i>C13-15 Alkane</i>	3.00 %

Phase B

DEMINERALIZED WATER	
<i>Aqua</i>	75.30 %
EDETA BD (BASF)	
<i>Disodium Edta</i>	0.10 %
CARBOPOL ULTREZ 21 (GATTEFOSSE)	
<i>Acrylates/C10-30 Alkyl Acrylate Crosspolymer</i>	0.15 %

GLYCERINE CODEX (INTERCHIMIE)	
<i>Glycerin</i>	2.00 %
RHODICARE T (RHODIA)	
<i>Xanthan Gum & Aqua</i>	0.10 %
CHLORPHENESIN BP 73 (SHASUN)	
<i>Chlorphenesin & Aqua</i>	0.25 %

Phase C

PHENOXYTOL (CLARIANT)	
<i>Phenoxyethanol</i>	0.80 %

Phase D

SOUDE SOLUTION AQUEUSE 10% (COOPER)	
<i>Aqua & Sodium Hydroxide</i>	0.30 %
GLYCOFILM 1,5 P (SOLABIA)	
<i>Aqua & Phenoxyethanol & Biosaccharide Gum-4</i> ...	2.00 %
LOTUS BLANC/ SA FML00118 (MLLE PARFUMETTE)	
<i>Parfum & Bht</i>	1.00 %

The Formula

Rejuvenating Eye Treatment

REF. SD15098.03

This semi-thick anti-wrinkle emulsion contains a patented lupin extract that promotes the production of collagen. It is also infused with prodigious nourishing oils and butter droplets. Highly nutritive, it nonetheless offers an elegant feather-light feel. The miracle is made possible with only 5% of Gemseal 40 that has the ideal balance between roundness and evanescence.

It produces a nice easy spread whilst being quickly absorbed. Marshmallow powder adds to the nice gliding feel of the texture.

The treatment is naturally and lightly fragranced by the prune oil it contains.

Operating mode

Mix the ingredients of Phase A and heat to 75°C.

Mix the ingredients of Phase B and heat to 75°C.

At 75°C pour phase A into phase B while stirring strongly.

Cool down whilst stirring.

At 50°C, while stirring strongly, pour C into (A+B)

At 30°C, while stirring strongly, pour D into (A+B+C)

6.50<pH<6.80

Phase A

LANETTE O OR (BASF)	
<i>Cetearyl Alcohol</i>	1.50 %
LANETTE 14 (BASF)	
<i>Myristyl Alcohol</i>	2.00 %
EUMULGIN SG (BASF)	
<i>Sodium Stearoyl Glutamate</i>	1.00 %
CUTINA GMS V (BASF)	
<i>Glyceryl Stearate</i>	1.00 %
TEGOSOFT SH (EVONIK)	
<i>Stearyl Heptanoate</i>	2.00 %
CUPUACU BUTTER (EXPANSCIENCES)	
<i>Theobroma Grandiflorum Seed Butter</i>	2.00 %
GEMSEAL 40 (TOTAL)	
<i>C15-19 Alkane</i>	5.00 %
VIRGIN PRUNUS OIL (EXPANSCIENCES)	
<i>Prunus Domestica Seed Extract</i>	2.00 %
COLLAGENEER (EXPANSCIENCES)	
<i>Helianthus Annuus Seed Oil & Lupinus Albus Seed Extract & Tocopherol</i>	2.00 %

Phase B

DEMINERALIZED WATER	
<i>Aqua</i>	74.45 %
EDETA BD (BASF)	
<i>Disodium Edta</i>	0.10 %

ZEMEA PROPANEDIOL (DUPONT TATE & LYLE BIO PRODUCTS COMPANY)	
<i>Propanediol</i>	2.00 %
RHODICARE T (RHODIA)	
<i>Xanthan Gum & Aqua</i>	0.10 %
SEPINOV EMT10 (SEPPIC)	
<i>Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer & Sorbitan Isostearate & Polysorbate 60 & Aqua</i>	0.60 %
CHLORPHENESIN BP 73 (SHASUN)	
<i>Chlorphenesin & Aqua</i>	0.25 %

Phase C

PHENOXETOL (CLARIANT)	
<i>Phenoxyethanol</i>	0.80 %

Phase D

OXYNEX K LIQUIDE (MERCK)	0.10 %
MARSHMALLOW POWDER (IMPAG)	3.00 %
CITRIC ACID AQUOUS SOLUTION at 20% (JUNGBUNZLAUER)	
<i>Aqua & Citric Acid</i>	0.10 %

The Formula

Healthy Glow Day Care

REF. SD11324.10A

The Healthy Glow Day Care is a velvet white SPF 8 emulsion that develops a fresh natural tone upon application. This BB-cream like formula combines instant tone perfection, an elegant matte finish and efficient anti-UV B protection.

Here, Gemseal 25 can smoothly deploy its talents. It helps prevent color transfer with results that match or exceed those obtained with silicones. Moreover, it improves the homogeneity of the color whilst contributing to UV filter solubility.

Operating mode

Mix the ingredients of Phase A and heat to 75°C.

Mix the ingredients of Phase B and heat to 75°C.

At 75°C pour phase A into phase B whilst stirring.

At 75°C, whilst stirring, pour C into (A+B)

At 50°C, whilst stirring, pour D into (A+B+C)

At 30°C, whilst stirring, pour E into (A+B+C+D)

At 30°C, whilst stirring, pour F into (A+B+C+D)

5.50<pH<6.00

Phase A

SENSANOV WR (SEPPIC)	
C20-22 Alkyl Phosphate & C20-22 Alcohols & Aqua...	3.00 %
CUTINA GMS V (BASF)	
Glyceryl Stearate	2.00 %
LANETTE O OR (BASF)	
Cetearyl Alcohol	0.80 %
HYDROLITE-5 (SYMRISE)	
Pentylene Glycol	2.00 %
Parsol MCX (DSM)	
Ethylhexyl Methoxycinnamate & BHT	6.00 %
ESCALOL S (ASHLAND)	
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	1.00 %
UVINUL A PLUS GRANULAR (BASF)	
Diethylamino Hydroxybenzoyl Hexyl Benzoate	3.00 %
EUSOLEX OS (MERCK)	
Ethylhexyl Salicylate	5.00 %
GEMSEAL 25 (TOTAL)	
C13-15 Alkane	5.00 %
IONOL CP (OXIRIS CHEMICALS)	
BHT	0.10 %

Phase B

DEMINEALIZED WATER	
Aqua	61.22 %
SOUDE SOLUTION AQUEUSE 32% (COOPER)	
Aqua & Sodium Hydroxide	0.40 %
DISSOLVINE NA2 (AKZO NOBEL)	
Disodium EDTA	0.10 %
GLYCERINE CODEX (INTERCHIMIE)	
Glycerin	3.00 %
RHODICARE T (RHODIA)	
Xanthan Gum & Aqua	0.20 %

SEPINOV EMT10 (SEPPIC)	
Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer & Sorbitan Isostearate & Polysorbate 60 & Aqua	0.50 %
CHLORPHENESIN BP 73 (SHASUN)	
Chlorphenesin & Aqua	0.20 %

Phase C

ORGASOL 4000 EXD NAT COS CARESSE (ARKEMA)	
Nylon 6/12	3.00 %

Phase D

PHENOXETOL (CLARIANT)	
Phenoxyethanol	0.90 %

Phase E

SUGARCAPSULES MAGIC BROWN SP (DAITO KASEI)	
CI 77891 & Mannitol & CI 77492 & Hydrogenated Lecithin & Polymethyl Methacrylate & CI 77491 & Aluminum Hydroxide & CI 77499	1.80 %
SUGARCAPSULES MAGIC BLACK SP (DAITO KASEI)	
CI 77499 & CI 77891 & Mannitol & Hydrogenated Lecithin & Polymethyl Methacrylate & Aluminum Hydroxide	0.24 %
SUGARCAPSULES MAGIC RED SP (DAITO KASEI)	
CI 77491 & CI 77891 & Mannitol & Hydrogenated Lecithin & Polymethyl Methacrylate & Aluminum Hydroxide	0.04 %

Phase F

SUNSHINE LA0013 FML00144 (MLLE PARFUMETTE)	
Parfum & Benzyl Benzoate & Linalool & Benzyl Salicylate & Hexyl Cinnamal & Limonene & Alpha-Isomethyl Ionone & Coumarin & BHT & Citral & Amyl Cinnamal & Benzyl Alcohol & Citronellol & Geraniol & Farnesol & Cinnamal & Cinnamyl Alcohol	0.50 %

The Formula

Matte Perfecting Fluid

REF. HM15104.03A

The least you can expect from a perfecting fluid is a perfect sensorial experience. This is achieved here combining the distinctive lightness of Gemseal 40 with the remarkable ability of Sensanov WR to disperse the mattifying charge.

The fluid contains Pixalia, an active for sebum control and pore size reduction.

Operating mode

Mix the ingredients of Phase A and heat to 75°C.

Mix the ingredients of Phase B and heat to 75°C.

At 75°C pour phase A into phase B while stirring strongly.

Cool down while stirring strongly.

At 50°C, while stirring strongly, pour C into (A+B)

At 45°C, while stirring strongly, pour D into (A+B+C)

At 30°C, while stirring, pour E into (A+B+C+D)

5.80 < pH < 6.20

Phase A

SENSANOV WR (SEPPIC) C20-22 Alkyl Phosphate & C20-22 Alcohols & Aqua	3.00 %
LANETTE O OR (BASF) Cetearyl Alcohol.....	1.50 %
LANETTE 16 (BASF) Cetyl Alcohol.....	0.70 %
GEMSEAL 40 (TOTAL) C15-19 Alkane.....	5.00 %
TEGOSOFT SH (EVONIK) C15-19 Alkane.....	1.00 %
CELLULOBEADS USF (DAITO KASEI) Cellulose & Aqua.....	1.00 %

Phase B

EAU DEMINERALISÉE Aqua	78.48 %
EDETA BD (BASF) Disodium Edta	0.10 %
HYDROLITE-5 (SYMRISE) Pentylene Glycol.....	1.00 %
GLYCERINE CODEX (INTERCHIMIE) Glycerin.....	2.00 %
RHODICARE T (RHODIA) Xanthan Gum & Aqua.....	0.20 %

SEPINOV EMT10 (SEPPIC) Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer & Sorbitan Isostearate & Polysorbate 60 & Aqua.....	0.60 %
SOUDE SOLUTION AQUEUSE 10% (COOPER) Aqua & Sodium Hydroxide.....	1.00 %
CHLORPHENESIN BP 73 (SHASUN) Chlorphenesin & Aqua.....	0.20 %

Phase C

PHENOXYETOL (CLARIANT) Phenoxyethanol.....	0.80 %
---	--------

Phase D

PIXALIA (EXPANSCIENCES) Propanediol & Water & Rutin & Hydroxycinnamic Acid.....	3.00 %
SOUDE SOLUTION AQUEUSE 10% (COOPER) Aqua & Sodium Hydroxide.....	0.12 %
AURORE SA SANS BHT FML00101 (MLLE PARFUMETTE) Parfum & Geraniol & Benzyl Benzoate & Limonene & Farnesol & Linalool & Benzyl Cinnamate & Benzyl Salicylate.....	0.30 %