

TEFOSE HC

New, versatile haircare emulsifier

TEFOSE HC: New, versatile haircare emulsifier

WHAT?

TEFOSE HC

Cetyl Alcohol (and) Glyceryl Stearate (and) Ceteth-20 (and) Steareth-20

- Oil in water emulsifier
- Excellent performance in haircare applications

TEFOSE HC: New, versatile haircare emulsifier

Performance

Optimal viscosity with haircare oils (petrolatum, silicone)

Optimal shine in formulated products and on hair

Optimal compatibility with ingredients: conditionners, Transcutol, ammonium thioglycolate, H_2O_2 ...

Polyvalent fonctionnality with the different categories of haircare products (excl. shampoo)

TEFOSE HC: New, versatile haircare emulsifier

Physico-chemical characteristics

- White pellets
- Odour free
- Emulsifying and stabilizing properties
 - Practical **HLB = 10.5**

TEFOSE HC: New, versatile haircare emulsifier

Formulation

1. Add Tefose HC to oil phase. Heat to 75°C.
2. Add to aqueous phase at 75°C under rapid mixing* (rotor stator 2000 rpm)
3. Continue rapid mixing for 10 min.
4. Cool under normal stirring (400 rpm) until cooling complete.

*(With classic agitation -no rotor stator- lower viscosity obtained)

TEFOSE HC: New, versatile haircare emulsifier

Formulation

- Conditioners, masks: stable emulsions
 - Styling products with high oil + consistency agent content: Perfect compatibility
 - No major incompatibilities with cosmetic oils exc. dimethicone used alone
- Use of consistency agents / gelling agents required for 50°C stability

TEFOSE HC: New, versatile haircare emulsifier

Influence of pH

- Excellent stability obtained between pH 3 and 12 in presence of cetearyl alcohol

TEFOSE HC: New, versatile haircare emulsifier

Influence of electrolytes

- Excellent stability with NaCl, MgSO_4 , ammonium thioglycolate
- In presence of cetearyl alcohol
 - NaCl $\rightarrow$ 1%
 - MgSO_4 $\rightarrow$ 0.5%
 - ammonium thioglycolate $\rightarrow$ 7%

TEFOSE HC: New, versatile haircare emulsifier

Influence of consistency agent

- Masks, conditioners, colorants: Best results obtained with cetearyl alcohol
- Styling products: Best results obtained with Compritol
- Good results with Behenic acid

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Influence of aqueous gelling agents

- Carbomers, Veegum Ultra, Avicel RC591 stabilise at 50°C
- Cellulose gums are insufficient
- All gelling agents excepting Veegum stabilise the ripening phenomenon.

TEFOSE HC: New, versatile haircare emulsifier

Compatibility with haircare ingredients

- Amphoterics ex. Polyquaternium 39
 - OK with consistency / gelling agent for 50°C stability
- Transcutol (2 & 5%)
 - Tefose HC alone insufficient (phase separation 50°C)
 - OK at 50°C in presence of carbomer
 - Cetearyl alcohol improves stability 50°C
- Other actives (Phylderm..) compatible

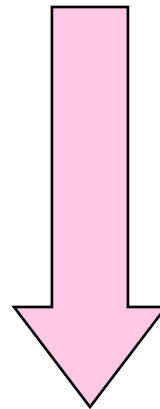
TEFOSE HC: New, versatile haircare emulsifier

Sensorial properties

Bright, glossy creams

Soft application

Easy to spread



Glossy finish

TEFOSE HC: New, versatile haircare emulsifier

TEFOSE HC: Toxicological profile

- Ocular Irritation (pure) = not classified
 - Sensitization (pure) = not classified
 - Acute Oral Toxicity = not classified
- Safety assessment OK

TEFOSE HC: New, versatile haircare emulsifier

Regulatory

- INCI name: Cetyl alcohol (and) Glyceryl Stearate (and) Ceteth-20 (and) Steareth-20
- CAS # 36653-82-4 (and) 31566-31-1 (and) 9004-95-9 (and) 9005-00-9
- Approved for cosmetic use in Japan (quasi-drug) & Australia

TEFOSE HC: New, versatile haircare emulsifier

FORMULATION

Allows formulation of a wide range of textures and fonctionnalités

Waxes, putties, butters, creams....

Conditionners, styling products, hair colours (wash-out, semi- and permanent), straighteners

TEFOSE HC: New, versatile haircare emulsifier

CONDITIONNERS, MASKS Wash-off

- Aqueous based
- Contains emulsifier
- Low oil phase, generally 1-2% (5% in mask) of light oil
- Contains cationic polymer for detangling hair and smoothing cuticles ex. polyquaternium-16, cetrimonium chloride
- Contains consistency agent/thickener or gelling agent



MASQUE "CHEVEUX ABIMES" MM 8062/A INTENSIVE MASK FOR DAMAGED HAIR MM 8062/A

Ingredients	INCI designation	% WW	Ingredient Function
Phase 1			
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	6.00	O/W emulsifier
CETEARYL ALCOHOL	CETEARYL ALCOHOL	1.00	Thickener
COCOA BUTTER	THEOBROMA CACAO (COCOA) SEED BUTTER	2.00	Nourishing active
LIPOVOL J LITE (2)	JOJOBA OIL	2.00	Emollient
PHENONIP (3)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.40	Preservative
Phase 2			
DEMINERALIZED WATER	WATER	75.80	
GENAMIN KDMP (4)	BEHENTRIMONIUM CHLORIDE	2.00	Conditioner
Phase 3			
TRANSCUTOL® CG (1)	ETHOXYDIGLYCOL	5.00	Split ends inhibitor
PERFUME FRAIS 4164 (5)		0.30	Perfume
Phase 4			
PHYLDERM® VEGETAL C (1)	HYDROLYZED SOY PROTEIN	2.00	Hair stimulation
DEHYQUART ACA (6)	CETRIMONIUM CHLORIDE	0.50	Conditioner
VEGETOL® CITRON GRO20 HYDRO (1)	PROPYLENE GLYCOL (AND) WATER (AND) LEMON (CITRUS MEDICA LIMONUM) EXTRACT	3.00	Shine enhancer

100,00

(1) GATTEFOSSE SA / (2) LIPO / (3) NIPA / (4) CLARIANT GmbH / (5) M.L.W / (6) COGNIS

Emulsifier, texture

Emollients

Conditioners



TEFOSE HC: New, versatile haircare emulsifier

CONDITIONNERS Leave-on

- Aqueous based serums or pure silicone anhydrous formula
- Contains emulsifier
- Higher oil phase than wash-off conditionners
- Mainly silicone oils (slip & shine without greasiness)
- To be used sparingly!!!!
- « Instant lustre, smooths frizz and frayed ends »
- Presented in serum-type packaging or sprays



LISS-GLISS JB 1942/B
SLIP AND SMOOTH FRIZZ TREATMENT JB 1942/B

Ingredients	INCI designation	% W/W	Ingredient Function
<u>Phase 1</u>			
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	3.00	O/W emulsifier
DPPG (1)	PROPYLENE GLYCOL DIPELARGONATE	3.00	Emollient
PHENONIP (2)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.70	Preservative
<u>Phase 2</u>			
DEMINERALIZED WATER	WATER	37.20	
SOLANACE STARCH (3)	POTATO STARCH MODIFIED	0.50	Gelling agent
D-PANTHENOL (4)	PANTHENOL	1.00	Vitamin active ing.
<u>Phase 3</u>			
CARBOPOL ULTREZ 20 (5)	ACRYLATE/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.10	Gelling agent
DEMINERALIZED WATER	WATER	30.00	
<u>Phase 4</u>			
BC 2501 (6)	TRIMETHYLSILYAMODIMETHICONE (and) ISOLAURETH-6	4.00	Detangling agent
<u>Phase 5</u>			
DOW CORNING 1501 FLUID (7)	CYCLOMETHICONE (AND) DIMETHICONOL	20.00	Detangling agent
<u>Phase 6</u>			
SODIUM HYDROXIDE (10 % SOL.)	SODIUM HYDROXIDE	0.20	Neutralizing agent
<u>Phase 7</u>			
PERFUME THE VERT CR/1172 (8)		0.30	Perfume

100.00

(1) GATTEFOSSE SA / (2) NIPA / (3) NATIONAL STARCH AND CHEMICAL LTD / (4) ROCHE / (5) NOVEON / (6) BASILDON CHEMICALS / (7) DOW CORNING / (8) M.L.W

Emulsifier, texture

Emollients

TEFOSE HC: New, versatile haircare emulsifier

HAIR STRAIGHTENING / RELAXING

- Uses NaOH or ammonium thioglycolate
- Extreme pH « breaks » disulfide bridges to allow straightening procedure
- Afterwards, application of oxidant to reform bridges
- Brands argue « gentleness » depending on pH of formula

TEFOSE HC: New, versatile haircare emulsifier

HAIR RELAXER ALE2118 + AV 400

Part A ALE2118

7% ammonium thioglycolate

Part B AV 400

Hydrogen peroxide



PART A

CREME DEFRISANTE ALE 2118 HAIR STRAIGHTENER ALE 2118

Ingredients	INCI designation	% W/W	Ingredient Function
<u>Phase 1</u>			
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	6.00	O/W emulsifier Emulsifier, texture
CETYL ALCOHOL (2)	CETYL ALCOHOL	2.00	Thickener
SILKFLO 362 NF (3)	POLYDECENE	5.00	Emollient Emollient
PHENONIP (4)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.50	Preservative
<u>Phase 2</u>			
DEMINERALIZED WATER	WATER	64.40	
E.D.T.A. DISODIUM SALT	DISODIUM EDTA	0.10	Chelating agent
PROPYLENE GLYCOL	PROPYLENE GLYCOL	2.00	Moisturizer Straightening agent
<u>Phase 3</u>			
AMMONIUM THIOLYCOLATE SOL. 59% (5)	AMMONIUM THIOLYCOLATE	14.00	Relaxing agent
AMMONIUM HYDROXIDE 28% (6)	AMMONIUM HYDROXIDE	6.00	pH regulator
		100.00	
(1) GATTEFOSSE SA / (2) COGNIS / (3) AMOCO CHEMICAL / (4) NIPA / (5) MERCK / (6) CARLO ERBA REACTIFS SA			





CREME OXYDANTE AV 400
HAIR OXIDANT AV 400

PART B

Ingredients	INCI designation	% W/W	Ingredient Function
<u>Phase 1</u>			
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	6.00	O/W emulsifier
CETEARYL ALCOHOL	CETEARYL ALCOHOL	2.00	Texture agent
MOD (1)	OCTYLDODECYL MYRISTATE	4.00	Emollient
SILKFLO 362 NF (2)	POLYDECENE	4.00	Emollient
LANETTE 22 (3)	BEHENYL ALCOHOL	2.00	Thickener
PHENONIP (4)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.50	Preservative
<u>Phase 2</u>			
DEMINERALIZED WATER	WATER	65.80	
<u>Phase 3</u>			
PHOSPHORIC ACID (10% SOL.)	PHOSPHORIC ACID	0.20	pH regulator
ACETANILIDE (1.5% SOL. IN PROP. GLYCOL)	ACETANILID	0.50	Stabilizer
<u>Phase 4</u>			
HYDROGEN PEROXIDE 110 VOL.	HYDROGEN PEROXIDE	15.00	Aqueous phase
		100.00	
(1) GATTEFOSSE SA / (2) AMOCO CHEMICAL / (3) HENKEL / (4) NIPA			

Emulsifier, texture

Emollients

Oxidant



TEFOSE HC: New, versatile haircare emulsifier

HAIR STYLING

- **Explosion of Textures**
- **Waxes: thick, high gloss, high stick**
- **Putties: sticky and soft creams**
- **Gums: high string, high fix**

Styling

MM8127/C Marshmallow Styling cream



**« get out of bed » styling putty,
marshmallow ultra-softness, gives
optimal hold and optimal styling**



EMULSION MARSHMALLOW MM 8127/C
MARSHMALLOW STYLING CREAM MM 8127/C

Ingredients	INCI designation	% WW	Ingredient Function
Phase 1			
DEMINEALIZED WATER	WATER	27.60	
CARBOPOL ULTREZ 10 (2)	CARBOMER	0.10	Gelling agent
Phase 2			
DEMINEALIZED WATER	WATER	30.00	
STABILEZE QM (3)	PVP/MA DECADIENE CROSSPOLYMER	0.30	Gelling agent
E.D.T.A. DISODIUM SALT	DISODIUM EDTA	0.10	Chelating agent
Phase 3			
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STARETH-20	6.00	O/W emulsifier
PETROLATUM	PETROLATUM	14.00	Emollient
COMPRITOL® 888 ATO (1)	GLYCERYL DIBEHENATE (AND) TRIBEHENIN (AND) GLYCERYL BEHENATE	2.00	Thickener
SOFTCUTOL® O (1)	ETHOXYDIGLYCOL OLEATE	4.00	Emollient
POLYBUTENE M100 (4)	POLYBUTENE	3.00	Shine enhancer
CARNAUBA WAX	CARNAUBA (Corpenidia Cerifera) WAX	1.50	Drying ag. /thickener
PHENONIP (5)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.50	Preservative
Phase 4			
PVP/VA E-535 (3)	PVP/VA COPOLYMER	8.00	Film forming agent
Phase 5			
BLUE DYE N°1 W 092 (0,1% SOL.) (6)	CI 42090	0.25	Dye
F.D.C. RED N°4 W 084 (0,1% SOL.) (6)	CI 14700	1.15	Dye
Phase 6			
NOVEMER EC-1 (2)	ACRYLATES/ACRYLAMIDE COPOLYMER (and) MINERAL OIL (and)POLYSORBATE -85	0.50	Gelling agent
Phase 7			
SODIUM HYDROXIDE (10 % SOL.)	SODIUM HYDROXIDE	0.50	Neutralizing agent
Phase 8			
PERFUME VIOLETTE 59-4 (7)		0.50	Perfume

Emulsifier, texture

Thickening

Emollient, shine

Hold



MM8053/B Styling gum

**Bendy, trendy, « chewing gum » texture
provides easy styling, defining, spiking**

GOMME COIFFANTE MM 8053/B

STYLING GUM MM 8053/B

Ingredients	INCI designation	% WW	Ingredient Function
<u>Phase 1</u>			
DEMINERALIZED WATER	WATER	39.70	
OCTACARE F100 (2)	POLYACRYLAMIDE	1.50	Gelling agent
<u>Phase 2</u>			
DEMINERALIZED WATER	WATER	30.00	
PROPYLENE GLYCOL	PROPYLENE GLYCOL	1.50	Moisturizer
CARBOPOL ULTREZ 10 (3)	CARBOMER	0.30	Gelling agent
<u>Phase 3</u>			
<u>TEFOSE® HC (1)</u>	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	6.00	O/W emulsifier
VGB 5ST (4)	HYDROGENATED VEGETABLE OIL	2.00	Thickener
CARNAUBA WAX	CARNAUBA (Corpenicia Cerifera) WAX	2.00	Drying ag. /thickener
STEARIC ACID	STEARIC ACID	3.00	Thickener
ISOSTEARATE ISOSTEARYLE (1)	ISOSTEARYL ISOSTEARATE	3.00	Emollient
PHENONIP (5)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.60	Preservative
<u>Phase 4</u>			
SODIUM HYDROXIDE (10 % SOL.)	SODIUM HYDROXIDE	0.60	Neutralizing agent
<u>Phase 5</u>			
DEMINERALIZED WATER	WATER	6.00	
PVP K-30 (6)	PVP	3.00	Film forming agent
MERQUAT 3330 (7)	POLYQUATERNIUM-39	0.30	Conditioner
<u>Phase 6</u>			
PERFUME TAXI SUNRISE RS 15014 (8)		0.50	Perfume

Emulsifier, texture

Emollient, skin

Hold

Conditioner

100,00

(1) GATTEFOSSE SA / (2) OCTEL / (3) NOVEON / (4) SIO / (5) NIRA / (6) ISP / (7) CALGON / (8) TECHNICOLEOR



MM8044/C Styling wax

Style short or medium length hair with this glossy wax which washes-off easily



CIRE COIFFANTE LAVABLE MM 8044/C
EASY WASH-OFF STYLING WAX MM 8044/C

Ingredients	INCI designation	% WW	Ingredient Function
<u>Phase 1</u>			
PETROLATUM	PETROLATUM	76.55	Emollient
COMPRITOL® 888 ATO (1)	GLYCERYL DIBEHENATE (AND) TRIBEHENIN (AND) GLYCERYL BEHENATE	2.00	Viscosity builder
HYDROGENATED CASTOR OIL	HYDROGENATED CASTOR OIL	2.00	Thickener
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	4.00	O/W emulsifier
VITAMIN E ACETATE (2)	TOCOPHERYL ACETATE	0.15	Protector
PHENONIP (3)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.50	Preservative
<u>Phase 2</u>			
DEMINERALIZED WATER	WATER	12.00	
D-PANTHENOL (4)	PANTHENOL	0.50	Hair stimulation
CREMOPHOR RH40 (5)	PEG-40 HYDROGENATED CASTOR OIL	0.50	Surfactant
<u>Phase 3</u>			
TIMIRON SPLENDID GOLD	MICA (AND) TITANIUM OXIDE (AND) SILICA	1.00	Pearlescent agent
COVAPEARL RICH GOLD 230 AS (6)	MICA (AND) CI 7749 (AND) CI 77891 (AND) TRIETHOXYCAPRYLYLSILANE	0.30	Pearlescent agent
<u>Phase 4</u>			
PERFUME VANILLE R.S 1065 (7)		0.50	Perfume

100.00

(1) GATTEFOSSE SA / (2) DSM Nutritional Products / (3) NIPA / (4) ROCHE / (5) BASF / (6) LCW / (7) TECHNICO-
FLOR

Thickening, texture

Emulsifier, texture

Rinsability

Sparkle



JB2018/A and JB2019/A Color waxes

Strong « apply as you please » shampoo-out colours. Apply using fingers to create your own highlights!

CIRE DE PAIN D'EPICES JB 2019/A
GINGERBREAD WAX JB 2019/A

Ingredients	INCI designation	% W/W	Ingredient Function
Phase 1			
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	6.00	O/W emulsifier
CETYL ALCOHOL (2)	CETYL ALCOHOL	2.00	Texture agent
COMPRITOL® 888 ATO (1)	GLYCERYL DIBEHENATE (AND) TRIBEHENIN (AND) GLYCERYL BEHENATE	2.00	Texture agent
SOFTCUTOL® B (1)	ETHOXYDIGLYCOL BEHENATE	1.50	Film forming agent
PARSOL MCX (3)	OCTYL METHOXYCINNAMATE	2.00	UV-B filter/organic
PHENONIP (4)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.70	Preservative
WHITE VASELINE (5)	PETROLATUM	6.00	Emollient
Phase 2			
NAI-C335000/D5C (75%) (6)	IRON OXIDE (C33-5000) (and) CYCLOPENTASILOXANE (and) PEG-10 DIMETHICONE (and) DISODIUM STEAROYL GLUTAMATE (and) ALUMINIUM HYDROXIDE	0.20	Coloring agent
NAI-C331700/D5C (60%) (6)	IRON OXIDE (C33-1700) (and) CYCLOPENTASILOXANE (and) PEG-10 DIMETHICONE (and) DISODIUM STEAROYL GLUTAMATE (and) ALUMINIUM HYDROXIDE	8.10	Coloring agent
NAI-C3332199/D5C (75%) (6)	IRON OXIDE (C33-2199) (and) CYCLOPENTASILOXANE (and) PEG-10 DIMETHICONE (and) DISODIUM STEAROYL GLUTAMATE (and) ALUMINIUM HYDROXIDE	2.50	Coloring agent
Phase 3			
DEMINEALIZED WATER	WATER	66.60	
D-PANTHENOL (7)	PANTHENOL	0.70	Moisturizer
AVICEL RC 591 (8)	MICROCRYSTALLINE CELLULOSE (AND) CELLULOSE GUM	1.00	Gelling agent
RHODICARE S (9)	XANTHAN GUM	0.40	Gelling agent
Phase 4			
PERFUME PAIN D'EPICES BOU/448B (10)		0.30	Perfume

Emulsifier, texture

Thickening, texture

Gloss

Pigments

Aqueous gelling agent

JB1968/E Chocolate cream styling gloss

**Adds gloss to brighten dull, tired hair.
Easy application using fingers.**



ECLATS DE CHOCOLAT JB 1968/E
CHOCOLATE CREAM GLOSS JB 1968/E

Ingredients	INCI designation	% WW	Ingredient Function
Phase 1			
DEMINERALIZED WATER	WATER	35.17	
GLYCERIN	GLYCERIN	30.00	Moisturizer
PROPYLENE GLYCOL	PROPYLENE GLYCOL	10.00	Moisturizer
PROCETYL AWS (2)	PPG-5 CETETH-20	5.00	Antistatic
Phase 2			
<u>TEFOSE® HC (1)</u>	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	8.00	O/W emulsifier
MINERAL OIL (3)	MINERAL OIL	5.00	Emollient
VEGETOL® CALENDULA WL1072	MINERAL OIL (AND) APRICOT (PRUNUS ARMENIACA) KERNEL OIL (AND) CALENDULA OFFICINALIS EXTRACT	1.00	Soothing agent
HUILEUX (1)			
HYDROGENATED CASTOR OIL	HYDROGENATED CASTOR OIL	1.50	Texture agent
PHENONIP (4)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYL PARABEN	0.50	Preservative
COMPRITOL® 888 ATO (1)	GLYCERYL DIBEHENATE (AND) TRIBEHENIN (AND) GLYCERYL BEHENATE	1.50	Texture agent
Phase 3			
XIRONA INDIAN SUMMER (5)	SILICA (and) IRON OXIDES	0.65	Pearlescent agent
MICA BLACK (5)	IRON OXIDES (and) MICA (and) TITANIUM DIOXIDE	0.17	Pearlescent agent
TIMIRON MP-24 KARAT GOLD (6)	MICA (AND) TITANIUM DIOXIDE (AND) IRON OXIDES	1.21	Glittering agent
Phase 4			
PERFUME CACAO DW/1546 (7)		0.30	Perfume

100,00

(1) GATTEFOSSE SA / (2) CRODA / (3) SARCGA AIGLON / (4) NIPA / (5) RONA / (6) MERCK / (7) M.L.W

Anti-static, conditionne

Emulsifier, texture

Gloss

Thickening, texture

Sparkle



TEFOSE HC: New, versatile haircare emulsifier

HAIR COLOURING

- **Decolorant (bleaching) products (H_2O_2 based, low pH)**
- **Semi-permanent colours (6-8 washes)**
- **Permanent colorants (ammonium based, low pH)**



CREME COLORANTE SEMI-PERMANENTE MM 8040
SEMI-PERMANENT HAIR COLOUR MM 8040

Ingredients	INCI designation	% W/W	Ingredient Function
Phase 1			
DEMINERALIZED WATER	WATER	73.81	
CARBOPOL ULTREZ 21 (2)	ACRYLATE/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.25	Gelling agent
TEFOSE® HC (1)	CETYL ALCOHOL (AND) GLYCERYL STEARATE (AND) CETETH-20 (AND) STEARETH-20	5.00	O/W emulsifier
COMPRITOL® 888 ATO (1)	GLYCERYL DIBEHENATE (AND) TRIBEHENIN (AND) GLYCERYL BEHENATE	2.00	Thickener
PHENONIP (3)	PHENOXYETHANOL (AND) METHYLPARABEN (AND) BUTYLPARABEN (AND) ETHYLPARABEN (AND) PROPYLPARABEN	0.40	Preservative
E.D.T.A. DISODIUM SALT	DISODIUM EDTA	0.10	Chelating agent
Phase 2			
DEMINERALIZED WATER	WATER	10.00	
TRANSCUTOL® CG (1)	ETHOXYDIGLYCOL	5.00	Activity enhancer
COVARIANE ROUGE W 3127 (4)	4-HYDROXYPROPYLAMINO-3- NITROPHENOL	0.30	Dye
COVARIANE JAUNE W 1125 (4)	HC YELLOW N°5	0.14	Dye
COVARIANE ROUGE W 3123 (4)	HC RED N°3	0.50	Dye
Phase 3			
SODIUM HYDROXIDE (10 % SOL.)	SODIUM HYDROXIDE	0.50	Neutralizing agent
Phase 4			
FLOCARE C 107 (5)	POLYQUATERNIUM 7	2.00	Conditioner
		100,00	

Emulsifier, texture

Thickener

Colour

Conditionner

(1) GATTEFOSSE SA / (2) NOVEON / (3) NIPA / (4) LCW / (5) SNF



TEFOSE HC: New, versatile haircare emulsifier

In Conclusion

- **Efficient haircare emulsifier**
- **Optimal shine and sensoriality**
- **Adaptable for different textures and technologies**
- **Excellent compatibility with haircare ingredients**
- **Varied and modern example formula**