

# Biesterfeld Beauty Box



*“Versatility At Its Best”*

# Biesterfeld Beauty Box - BBB



- Following the great success of the Color Kit, Younger than Ever and Summer Survival Kit
- Concept of versatility and multifunctional properties of ingredients
- „*Versatility at its best*“
- Formulations which fit to the market trends
- Contains seven formulations



# BBB – Prime Time

## BSC 66.3-12.1-216



| Phase | Ingredient  | INCI                                  | %     |
|-------|---|---------------------------------------|-------|
| A     | Dow Corning® EL-9240 Silicone Organic Elastomer Blend | Dimethicone, Dimethicone Crosspolymer | 49,50 |
|       | Dow Corning® EL-8040 ID Silicone Organic Blend        | Isododecane, Dimethicone Crosspolymer | 24,00 |
|       | Xiameter® PMX-200 Fluid 2cs                           | Dimethicone                           | 19,00 |
| B     | Dow Corning® VM-2270 Aerogel Fine Particles           | Silica Silylate                       | 0,125 |
|       | Xiameter® PMX-200 Fluid 5cs                           | Dimethicone                           | 7,125 |
| C     | Aromatic Cucumber Extract Blend M9087                 | *on request                           | 0,25  |

- D5-free primer
- Translucent anhydrous gel
- PEG-free concept
- Soft focus claim (in-vitro study)
- Mattifying
- Velvet touch
- Powdery skin feel
- Refreshing cucumber experience

### Manufacturing Procedure:

1. Mix ingredients of phase A in given order at room temperature.
2. Predissolve part B and add to phase A while stirring.
3. Add part C to batch, mix well.

### Product Features:

Appearance: Translucent, viscous gel

### Viscosity:

Approx. 30000 mPas (Myr VP1050-M, spindle 7, speed 50 rpm)



# Fabulous Foundation F<sup>2</sup> (SPF 15 expected)



BSC 56.6-13-116

| Phase | Ingredient  | INCI   | %     |
|-------|---|--|-------|
| A     | Deionised Water                                   | Aqua   | 49,98 |
|       | Palmera® G865V                                    | Glycerin   | 2,00  |
|       | Zemea®  | Propanediol  | 2,00  |
|       | Sodium Chloride                                   | Sodium Chloride  | 1,00  |
|       | Verstail® PC                                      | Phenoxyethanol, Caprylyl Glycol                                    | 0,80  |
| B     | Dow Corning® ES-5600 Silicone Glycerol Emulsifier | Cethyl Diglyceryl<br>Tris(Trimethylsiloxy)Silylethyl Dimethicone   | 5,00  |
|       | Cosmedia® Gel CC                                  | Dicaprylyl Carbonate, Stearalkonium Hectorite, Propylene Carbonate | 5,00  |
|       | Palmester® 1547                                   | Ethylhexyl Cocoate   | 10,00 |
|       | Dow Corning® 5562 Carbinol Fluid                  | Bis-Hydroxyethoxypropyl Dimethicone                                | 5,00  |
| B1    | Parsol® TX  | Titanium Dioxide, Silica, Dimethicone                              | 6,00  |
|       | Z-Cote® HP 1                                      | Zinc Oxide, Triethoxycaprylylsilane                                | 6,00  |
| B2    | Unipure White LC 987 AS-EM                        | CI 77891, Triethoxycaprylylsilane                                  | 2,00  |
|       | Cosnacolor Iron Oxide Yellow 114038               | CI 77492   | 0,60  |
|       | Cosnacolor Iron Oxide Red 110435                  | CI 77491   | 0,25  |
|       | Cosnacolor Iron Oxide Black 114025                | CI 77499   | 0,07  |
| B3    | Dow Corning® 9701 Cosmetic Powder                 | Dimethicone/ Vinyl Dimethicone Crosspolymer, Silica                | 1,00  |
| C     | Dow Corning® FC 5002 IDD Resin Gum                | Isododecane,<br>Trimethylsiloxy silicate/Dimethiconol Crosspolymer | 1,50  |
|       | Dow Corning® FZ-3196                              | Caprylyl Methicone   | 1,50  |
| D     | Comp. 72.0319 Fovea                               | Parfum   | 0,30  |

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# Fabulous Foundation F<sup>2</sup> (SPF 15 expected)

BSC 56.6-13-116



- W/Si foundation
- PEG-free emulsifier technology
- Without chemical sun-filters
- Expected SPF 15
- Covers imperfections
- Let the skin breathe
- Smooth touch
- Comfortable to wear
- Long-lasting

## Manufacturing Procedure:

1. Heat phase A up to 50°C and stir until clearly dissolved.
2. Place phase B into the vessel and heat to 50°C. Add ingredients of part B1 in given order.
3. Grind phase B2 and add to B/B1. Add part B3. Homogenize completed phase B.
4. Emulsify phase A slowly to phase B while stirring.
5. Homogenize.
6. Cool down to 35°C. Predissolve phase C and add slowly to the batch.
7. Add part D. Homogenize.
8. Cool down to room temperature while stirring.

## Product Features:

Appearance: Brown emulsion

## Viscosity:

Approx. 15000 mPas (Myr VP 1050-M: spindle 6, speed 50 rpm)

SPF/UVA in-vitro study (Labsphere UV 2000 S, PMMA “HD6” Slides):

SPF: 14,8 ± 0,8; UVA-PF/SPF: 0,41; critical wavelength: 380 nm



# Velvet Hair

## BSC 87-18.1-216



| Phase | Ingredient                                      | INCI  | %     |
|-------|---|---|-------|
| A     | Deionised Water                                 | Aqua  | 63,34 |
|       | Salisol® 4                                      | Benzophenone 4  | 0,30  |
|       | Synthalen® CR                                   | Polyquarternium-37  | 2,50  |
| B     | Zemea®  | Propanediol   | 5,00  |
|       | Triacetin                                       | Triacetin   | 0,01  |
| C     | Comp. 72.4829 Straight & Easy                   | Parfum  | 0,70  |
|       | Dermofeel® G 10 LW                              | Polyglyceryl-10 Laurate, Aqua, Citric Acid                    | 2,10  |
|       | Xiameter® PMX-200 Fluid 350cs                   | Dimethicone   | 1,00  |
| D     | Deionised Water                                 | Aqua  | 2,00  |
|       | Opulyl™ 301                                     | Styrene/Acrylates Copolymer                                   | 0,25  |
| E     | Kelipea   | Hydrolyzed Pea Protein  | 1,00  |
|       | Planoxia-RG                                     | Aqua, Butylene Glycol, Panax Ginseng Root Extract             | 2,00  |
|       | D-Panthenol 75W                                 | Panthenol   | 0,70  |
|       | Hydrovance®                                     | Hydroxyethyl Urea   | 5,00  |
|       | Dow Corning® 5-7113 Silicone Quat Microemulsion | Silicone Quaternium-16, Undeceth-11, Butyloctanol, Undeceth-5 | 8,00  |
|       | Saliguard® PG                                   | Phenoxyethanol, Caprylyl Glycol                               | 0,60  |
| F     | DYNAMX® H2O                                     | Polyurethane-14 (and) AMP-Acrylates Copolymer                 | 0,50  |
|       | Deionised Water                                 | Aqua  | 5,00  |

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# Velvet Hair

## BSC 87-18.1-216



- **BB for hair**
- **Leave in conditioning cream**
- **Cationic gel**
- **Combines styling and conditioning**
- **Hair repair**
- **Anti-Frizz**
- **Improved wet combing**
- **Velvet touch**
- **Hair growth promotion**
- **Color protection**
- **UV protection**

### Manufacturing Procedure:

1. Dissolve phase A in given order while stirring and homogenize until completely dissolved.
2. Add phase B to phase A in given order while stirring.
3. Premix phase C and add to batch.
4. Premix phase D and add to batch slowly and stepwise.
5. Add ingredients of phase E in given order one after the other slowly while stirring.
6. Premix phase F and add to batch very slowly and little by little.

### Product Features:

Appearance: Light yellow emulgel    pH: 3-5

### Viscosity:

Approx. 7000 mPas (Myr VP1050-M, spindle 6, speed 50 rpm)



# Controversy Cream

## GP-0007-14



| Phase | Ingredient  | INCI  | %     |
|-------|---|---|-------|
| A1    | Dow Corning® ES-5600 Silicone Glycerol Emulsifier | Cetyl Diglyceryl<br>Tris(Trimethylsiloxy)Silylethyl Dimethicone | 2,00  |
|       | Dow Corning® 2503 Cosmetic Wax                    | Stearyl Dimethicone, Octadecene                                 | 1,40  |
|       | Phytosqualan®                                     | Squalane  | 2,40  |
|       | KahlWax 6279L                                     | Myrica Cerifera Fruit Wax                                       | 1,40  |
| A2    | Dow Corning® 9701 Cosmetic Powder                 | Dimethicone/Vinyl Dimethicone<br>Crosspolymer, Silica           | 4,00  |
| B1    | Deionised Water                                   | Aqua  | 73,00 |
|       | Purox® S  | Sodium Benzoate   | 0,30  |
|       | Potassium Sorbate                                 | Potassium Sorbate   | 0,20  |
|       | Sodium Chloride                                   | Sodium Chloride   | 1,00  |
|       | Zemea®  | Propanediol   | 5,00  |
|       | HyaRius™ B  | Sodium Hyaluronate  | 0,05  |
|       | AquaJuve™ 3500                                    | Sodium Hyaluronate  | 0,05  |
| B2    | Citric Acid, anhydrous                            | Citric Acid   | 0,20  |
| C     | Dow Corning® FZ-3196                              | Caprylyl Methicone  | 6,40  |
|       | Dow Corning® 3901 Liquid Satin Blend              | Dimethicone, Dimethicone/Vinyl<br>Dimethicone Crosspolymer      | 2,40  |
| D     | Comp. 72.0319 Fovea                               | Parfum  | 0,20  |

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# Controversy Cream

## GP-0007-14



- Rich and caring, high-viscous W/O cream
- Light but luxury skin feel
- Fresh feel during application
- Even appearance of the skin
- Soft-focus effect
- Provides lipid protection layer
- Deep moisturization
- Caring as a night cream but convenient as a day fluid
- Can be used as a nourishing primer

### Manufacturing Procedure:

1. Place phase A1 into the vessel, heat to 80°C and mix until clear and uniform.
2. Add phase A2 and homogenize shortly.
3. Heat phase B1 up to 25-55°C and stir until completely dissolved.
4. Add phase B2 to phase B1 and adjust the pH to 4,5-5,0. Heat B1/B2 up to 80°C.
5. Mix phase C until uniform.
6. At 80°C: Emulsify phase B extreme slowly to phase A while stirring. Add C and homogenize. Cool down to room temperature while slow stirring.
7. Add part D below 40°C while stirring.

### Product Features:

Appearance: High-viscous, white emulsion

### Viscosity:

Approx. 60000-70000 mPas (Haake Viscotester 6R, spindle 6, speed 10 rpm)



# Summer At The Beach (expected SPF 30)

113/15001.05



| Phase | Ingredient                  | INCI                                       | %     |
|-------|-----------------------------|--|-------|
| A     | Uvinul® A Plus Granular     | Diethylamino Hydroxybenzoyl Hexyl Benzoate | 9,50  |
|       | Salisol® OMC                | Ethylhexyl Methoxycinnamate                | 6,50  |
|       | Salisol® EHT                | Ethylhexyl Triazone                        | 5,00  |
|       | Salisol® HMS                | Homosalate                                 | 3,50  |
|       | Salisol® CRY                | Octocrylene                                | 2,50  |
|       | Bioxan® E 1300 IU           | Tocopherol                                 | 0,20  |
| B     | EXCEPARL® LM-LC             | Lauryl Lactate                             | 10,00 |
|       | WITARIX® MCT 60/40          | Caprylic/Capric Triglyceride               | 11,00 |
|       | Finsolv® TN                 | C12-15 Alkyl Benzoate                      | 24,00 |
|       | Cetiol® CC                  | Dicaprylyl Carbonate                       | 10,00 |
| C     | Dow Corning® FZ-3196        | Caprylyl Methicone                         | 5,00  |
|       | Dow Corning® 556 Fluid      | Phenyl Trimethicone                        | 5,00  |
|       | Xiameter® PMX-200 Fluid 2cs | Dimethicone                                | 5,00  |
| D     | WITARIX® MCT 60/40          | Caprylic/Capric Triglyceride               | 2,00  |
|       | Parf. Be Tasty 10-0050-0    | Parfum                                     | 0,80  |

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# Summer At The Beach (expected SPF 30) UVA

113/15001.05



- Sun care oil-spray
- Transparent anhydrous formulation
- Easy to spread
- Keeps the moisture level of the skin
- Smooth and non-greasy skin feel
- Quick absorption
- Anti-sand
- Comfortable to wear
- Water-resistant

## Manufacturing Procedure:

1. Dissolve ingredients of phase A at room temperature under simple stirring.
2. Add phase B under simple stirring. Heat phase A/B up to 60°C until completely dissolved.
3. Cool down and add phase C at 35°C under simple stirring.
4. Premix phase D. Add phase D while stirring.

## Product Features:

Appearance: Transparent, yellow liquid oil



# Purifying Power Serum

113/15002.06



| Phase | Ingredient                                  | INCI   | %     |
|-------|---|--|-------|
| A     | Deionised Water                             | Aqua   | 80,00 |
|       | Dissolvine® NA2                             | Disodium EDTA  | 0,10  |
|       | Zemea®                                      | Propanediol  | 3,00  |
|       | Saliguard® EHG                              | Ethylhexylglycerin   | 0,09  |
|       | Saliethanol                                 | Phenoxyethanol   | 0,81  |
| B     | Keltrol® CG-SFT                             | Xanthan Gum  | 0,20  |
|       | Palmera® G865V                              | Glycerin   | 2,00  |
| C     | Viscolam AT 100 EF                          | Sodium Polyacryloyldimethyltaurate, Hydrogenated Polydecene, Caprylyl/Capryl Glucoside | 1,00  |
| D     | Xiameter® PMX-1501 Fluid                    | Cyclopentasiloxane, Dimethiconol   | 0,50  |
|       | Dow Corning® 9045 Silicone Elastomer Blend  | Cyclopentasiloxane Dimethicone Crosspolymer  | 2,00  |
| E     | Dow Corning® EP- 9801 Hydro Cosmetic Powder | Dimethicone/Vinyl Dimethicone Crosspolymer, Silica, Butylene Glycol                    | 8,00  |
| F     | Hi-Clera                                    | Water, Butylene Glycol, Vincetoxicum Atratum Root Extract                              | 2,00  |
|       | Aromatic Floral Extract Blend N23793        | *on request  | 0,30  |

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# Purifying Power Serum

113/15002.06



- Face serum
- Light and caring cream-gel
- Very quick absorption
- Wrinkle-masking
- Mattifying
- Skin-calming
- Immediate effect
- Powdery after-feel

## Manufacturing Procedure:

1. Mix phase A together under simple stirring at room temperature.
2. Predisperse and add phase B under homogenizer to get an homogeneous fluid gel.
3. Add phase C under simple stirring during 5 min.
4. Premix ingredients of phase D and add it to the batch while stirring. Homogenize.
5. Add phase E. Homogenize.
6. Add ingredients of phase F in given order under simple stirring. Adjust pH and viscosity.

## Product Features:

Appearance: White cream-gel

pH: 5,0-5,5

Viscosity:

Approx. 1000 mPas (Brookfield RV: spindle s93, speed 50 rpm)



# Gin Tonic Pre-Party Shower

## BSC 92.1-15-316



| Phase | Ingredient                      | INCI                                       | %      |
|-------|---------------------------------|--|--------|
| A     | Deionised Water                 | Aqua                                       | Ad 100 |
|       | Celquat® SC-240C                | Polyquarternium-10                         | 0,20   |
|       | Dermofeel® PA-3                 | Sodium Phytate, Aqua, Alcohol              | 0,30   |
| B     | BETADET® HR-50K                 | Cocamidopropyl Betaine                     | 8,00   |
|       | ALFANOX® 46/BA                  | Sodium C14-16 Olefin Sulfonate             | 27,00  |
|       | EXCEPARL® LM-LC                 | Lauryl Lactate                             | 2,20   |
| C     | Comp. 79.2844 Tonic Sport       | Parfum                                     | 0,25   |
|       | Dermofeel® G 10 LW              | Polyglyceryl-10 Laurate, Aqua, Citric Acid | 1,00   |
| D     | Dermosoft® OM                   | Methylpropanediol, Caprylyl Glycol         | 4,00   |
|       | Hydrovance®                     | Hydroxyethyl Urea                          | 5,00   |
|       | CO Lemon Essential Water N21049 | Citrus Limon (Lemon) Fruit Water           | 1,00   |
|       | Triacetin                       | Triacetin                                  | 0,01   |
| E     | Sodium Hydroxide sol. 10%       | Sodium Hydroxide, Aqua                     | q.s.   |
| F     | Sodium Chloride sol. 20%        | Sodium Chloride, Aqua                      | q.s.   |

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# Gin Tonic Pre-Party Shower

## BSC 92.1-15-316



- **Transparent shower gel**
- **Gin & Tonic experience with a splash of lemon**
- **Natural based thickener**
- **PEG-free**
- **Sulfate-free**
- **Rich and creamy foam**
- **Moisturizing**
- **Smooth skin feel**

### Manufacturing Procedure:

1. Dissolve phase A in given order while stirring and homogenizing until completely dissolved.
2. Add ingredients of phase B to phase A in given order while stirring.
3. Premix phase C and add to batch while stirring.
4. Add ingredients of phase D in given order one after the other while stirring.
5. Adjust pH-value to pH 5,8-6,2 with part E.
6. Adjust viscosity with part F.

### Product Features:

Appearance: Slightly yellow shower gel      pH: 5,8-6,2

### Viscosity:

Approx. 5000 mPas (Myr VP 1050-M: spindle 6, speed 50 rpm)



# Raw material overview



|  |  |
|--|--|
| ALFANOX® 46/BA                             | An anionic surfactant with an excellent foaming power, dilutes easily in water, good skin compatibility  |
| AquaJuve™ 3500                             | Ultra-low molecular weight hyaluronic acid from bacterial fermentation process. This anti-age active has excellent skin hydration efficacy, it is absorbed quickly and shows high penetration into the deeper skin layers. |
| Aromatic Cucumber Extract Blend M9087      | Extract blend from physical plant extraction, which gives a pleasant natural scent to cosmetic formulations and can be used for 'fragrance free' claims.   |
| Aromatic Floral Extract Blend N23793       | Extract blend from physical plant extraction, which gives a pleasant natural scent to cosmetic formulations and can be used for 'fragrance free' claims.   |
| BETADET® HR-50K                            | Vegetable derived amphoteric surfactant. Acts as a foam booster and shows good compatibility and synergy effects with other primary and secondary surfactants.   |
| Celquat® SC-240C                           | Cationic, water soluble conditioning polymer for hair and skin care applications. Excellent detangling and wet-combing properties  |
| CO Lemon Essential Water N21049            | Essential oils infused in water that can be used as a water replacement ingredient. Adds soothing natural sophistication into skin care products, body washes, lotions, and hair care applications.                        |
| Comp. 72.0319 Fovea                        | Fragrance  |
| Comp. 72.4829 Straight & Easy              | Fragrance  |
| Comp. 79.2844 Tonic Sport                  | Fragrance  |
| Comp. N15557 Aromatic Floral Extract Blend | Fragrance  |
| Dermofeel® G 10 LW                         | Mild and natural co-emulsifier with excellent skin and eye-compatibility   |
| Dermofeel® PA-3                            | Chelator, natural replacement for EDTA   |
| Dermosoft® OMP                             | Combination of different alcohols to improve the spreadability of ingredients and to control the viscosity. Suitable in all pH-ranges  |
| Dissolvine® NA2                            | Chelating agent  |



|  |  |
|--|--|
| <p>Dow Corning® 2503 Cosmetic Wax</p>                  | <p>Alkylmethylsiloxane wax with low melting point of 32°C. It melts on contact with the skin and therefore gives a smooth touch to anhydrous formulations and W/O emulsions. Its hybrid structure of hydrocarbon and siloxane shows good compatibility to organic oils. It provides moisturizing benefit, SPF-boost effects and an increased wash-off resistance. In addition it shows non-acnegenic and non-comedogenic properties.</p> |
| <p>Dow Corning® 3901 Liquid Satin Blend</p>            | <p>Innovative silicone blend with an enhanced sensory profile, ability to create clear systems, satin-like feel, perceived smoothness.</p>   |
| <p>Dow Corning® 556 Fluid</p>                          | <p>Phenylfunctional Silicone which improves the performance of many types of cosmetic formulations. Reduces tackiness and stickiness of organic ingredients and emulsifies easily. For sun care it is used to improve solubility of organic sun filters and it provides sand repellent properties.</p>   |
| <p>Dow Corning® 5562 Carbinol Fluid</p>                | <p>Carbinol fluid with polar organic substituents. This moderate polar fluid provides a light and unique skin feel and reduces tackiness. It has a low formulated odor and imparts hydrophilicity and wetting into the formulation. Furthermore it improves fragrance retention on the skin.</p>   |
| <p>Dow Corning® 5-7113 Silicone Quat Microemulsion</p> | <p>Microemulsion with very good conditioning properties, easy to process, especially suited for rinse-off conditioners and shampoos, also for clear formulations and colour saver products. Provides UV-protection and fast drying effects on hair.</p>  |
| <p>Dow Corning® 9045 Silicone Elastomer Blend</p>      | <p>The Silicone Elastomer Blend provides dry smoothness and a light, silky, non-greasy skin feel with sebum absorption benefit. Acts as a thickening agent for water-in-oil and water-in-silicone formulations and silicone fluids.</p>  |
| <p>Dow Corning® 9701 Cosmetic Powder</p>               | <p>Silicone Elastomer Powder with silica treated coating. Multifunctional ingredient with a unique smooth-powdery skin-feel. Provides wrinkle masking and sebum absorption benefits. Easy dispersion in different media.</p>   |
| <p>Dow Corning® EL-8040 ID Silicone Organic Blend</p>  | <p>Silicone elastomer in an organic carrier fluid, good compatibility with organic ingredients, suitable for D5-free formulations. Quick absorption, mattifying effect with luxury feel.</p>   |

# Raw material overview



|   |  |
|---|--|
| Dow Corning® EL-9240 Silicone Organic Elastomer Blend | Silicone elastomer in a D5-free carrier fluid. Quick absorption, mattifying effect with luxury feel.   |
| Dow Corning® EP- 9801 Hydro Cosmetic Powder           | Hydrophilic silicone elastomer powder, easy-to use in water-based formulation, silky powdery skin feel, wrinkle masking and soft focus effect, mattifying properties   |
| Dow Corning® ES-5600 Silicone Glycerol Emulsifier     | PEG-free emulsifier for low viscosity W/O and W/Si emulsions, improved texture and feel, excellent pigment dispersion properties   |
| Dow Corning® FC 5002 IDD Resin Gum                    | Film-former with innovative resin gum technology. Suitable for W/O, O/W and anhydrous formulations for color cosmetic applications. It forms a highly flexible and breathable film for improved comfort of wear and is less tacky than film-formers based on acrylates.                        |
| Dow Corning® FZ-3196                                  | Alkylmethylsiloxane with moderate volatility. It provides a unique light, smooth and less dry feel. In combination with vegetable oils it improves spreadability and reduces tackiness and greasy feel. For sun care application it is used for its excellent UV-filter dispersion properties. |
| Dow Corning® VM-2270 Aerogel Fine Particles           | Hydrophobic silica with high porosity and outstanding oil- and water-binding capacity. Very effective thickener for oil phases and sebum absorber. It provides volatile fluid loss reduction and imparts soft-focus effect to face care and primer applications.                               |
| EXCEPARL® LM-LC                                       | Natural, PEG-free liquid that acts as a polar solvent for crystalline UV-filters. Re-crystallisation of UV-filters can be prevented. It also provides moisturizing properties to a variety of skin care applications and acts as thickener for surfactant formulations.                        |
| Hi-Clera  | Anti-irritation agent based on a Korean traditional medicinal herb. Features skin soothing and skin recovery properties in face and body care applications.  |
| HyaRius™ B  | High molecular weight hyaluronic acid from bacterial fermentation process. This anti-age active has excellent skin hydration efficacy, forms a layer of breathable film in the skin surface and provides smoothness.   |

|                 |  |
|-----------------|--|
| Hydrovance®     | Very effective Urea based moisturizing agent.  |
| Kahlwax 6279L   | Vegetable wax combining high hardness and gloss with a low melting point, close to the body temperature. Obtained from the fruits of the Myrica cerifera plant.  |
| Kelipea         | Pea protein hydrolysate, rich in short peptides and amino acids with high affinity for damaged hair with hair repair effect. Protective properties, recommended for skin and hair products with cleaning and conditioning effects.   |
| Keltrol® CG-SFT | Xanthan Gum, thickener   |
| Palmera® G865V  | Humectant, stabilizer for emulsions  |
| Palmester® 1547 | Vegetable based emollient  |
| Planoxia-RG     | Korea Red Ginseng extract made by steaming and drying fresh ginseng by a traditional method. It contains specific ginsenosides that provide interesting hair growth promoting properties. Planoxia-RG acts as hair and eyelash growth agent, as it shows abilities to induced earlier telogen to anagen conversion. In addition it increases the depth and size of hair follicles.                             |
| Saliethanol     | Preservative, paraben-free   |
| Saliguard® EHG  | Multifunctional ingredient that improves antimicrobial efficacy when combined with traditional preservatives and other cosmetic ingredients. Effectivity is given in a broad pH-range and the molecule is stable to heat. It inhibits the growth and multiplication of odor causing gram positive bacteria and is therefore used as deodorizing agent. Emollient properties provide soft and smooth skin feel. |
| Saliguard® PG   | Broad spectrum preservative blend, paraben-free  |
| Salisol® 4      | UV-filter  |
| Salisol® CRY    | UV-filter  |

# Raw material overview



|                               |   |
|-------------------------------|---|
| Salisol® EHT                  | UV-filter   |
| Salisol® HMS                  | UV-filter   |
| Salisol® OMC                  | UV-filter   |
| Verstatil® PC                 | Broad spectrum preservative blend, paraben-free   |
| Viscolam AT 100 EF            | Ready-to-use liquid polymer based on the "Hydro Swelling Droplets" concept. Thickener and stabilizer for cosmetic O/W-emulsions. Viscolam® AT 100EF is free of EO derivatives and ready to use in cold/hot processes.   |
| WITARIX® MCT 60/40            | Caprylic/ Capric Triglyceride, emollient also known as neutral oil because of its pure characteristics based on carefully selected raw materials. The products exhibit excellent skin smoothing properties and can be used to promote skin penetration. Odorless and stable against oxidation |
| Xiameter® PMX-1501 Fluid      | Film forming and long lasting blend of silicones for use in various cosmetic and toiletry applications. Imparts a soft velvety skin feel.   |
| Xiameter® PMX-200 Fluid 2cs   | Very volatile polydimethylsiloxane polymer  |
| Xiameter® PMX-200 Fluid 350cs | Colorless, water-repellent and non-occlusive polydimethylsiloxane polymer used for skin protection, to impart a soft, velvety skin feel and de-soaping creams and lotions. Spreads easily on both skin and hair.  |
| Xiameter® PMX-200 Fluid 5cs   | Colorless, water-repellent and non-occlusive polydimethylsiloxane polymer   |
| Zemea®                        | Propanediol made from corn sugar as a 100% natural alternative to other glycols. Superior hydration properties, preservative boost effect and great synergy effects with glycerin, low irritation properties. Reduction of tackiness in formulations containing glycerin. Ecocert approved.   |

# Biesterfeld Beauty Box – Our Partners



Enriching lives, in harmony with nature.



OLEOCHEMICALS



AkzoNobel  
Tomorrow's Answers Today



**KELISEMA**

GIVE A TOUCH OF ITALIAN STYLE  
TO YOUR PRODUCT...



# Thanks for your attention!

