

Formulation for in-cosmetics Global 2023 Sensory Bar for BRB International B.V.

- 1. Liquid Suede Cream Lipstick**
- 2. Mineral Broad Spectrum Sunscreen**



A Subsidiary of PETRONAS Chemicals Group

Guideline Formulation

Liquid Suede Cream Lipstick

Formulation C220427-04

Color Cosmetics

BRB International BV

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Description

Liquid Suede Cream Lipstick is a weightless mousse lip cream in highly pigmented colors that gives lips a comfortable, long-lasting, soft velvety matte finish.

Benefits

Liquid Suede Cream Lipstick is non-drying and non-sticky creamy matte texture liquid lipstick. It provides velvet matte finish with lasting hydration and comfort, lips appear instantly fuller and radiant.

Featuring

| | |
|-------------|---|
| BRB DM 55: | Aids in spreadability. Provides light emolliency to skin. |
| BRB DM 100: | Aids in spreadability. Provides emolliency to skin. |
| BRB TMS: | Acts as a film former. |
| BRB 2836: | Provides emolliency to skin. |
| BRB PMS-5: | Provides excellent powdery, smooth feel and good lubricity, |
| BRB SG 517: | Provides excellent velvet and intense after feel. Also helps to build up viscosity. |

Formulation

| No | Ingredients | INCI | Suppliers | Dosage (%) |
|----|-------------------------|--|------------------------|------------|
| A1 | BRB DM 100 | Dimethicone | BRB | 11.70 |
| A2 | BRB DM 55 | Dimethicone | BRB | 11.00 |
| A3 | Hectone DF | Hydrogenated Polyisobutene (and) Distearidimonium Hectorite (and) Propylene Carbonate | The Innovation Company | 3.00 |
| A4 | BRB TMS | Trimethylsiloxysilicate | BRB | 3.00 |
| A5 | Sophim MC300 | Hydrogenated Polyisobutene | Sophim | 16.00 |
| A6 | Crodamol PTIS | Pentaerythryl Tetraisostearate | Croda | 8.00 |
| | | | | |
| B1 | BRB 2836 | Stearyl Dimethicone (and) Octadecene | BRB | 3.00 |
| B2 | Pelemol GMB | Glyceryl Behenate | Phoenix Chemical, Inc. | 2.00 |
| | | | | |
| C1 | BRB PMS-5 | Polymethylsilsesquioxane | BRB | 3.00 |
| C2 | Orgasol® 2002 D NAT COS | Nylon-12 | Arkema Orgasol | 3.00 |
| C3 | Synafil S 115 | Synthetic Fluorophlogopite | Eckart | 3.00 |
| C4 | INBP45R7C | Red 7 Lake (and) Isononyl Isononanoate (and) Isopropyl Myristate (and) Stearalkonium Hectorite (and) Isopropyl Titanium Triisostearate (and) Propylene Carbonate (and) Polyhydroxystearic Acid | Kobo Products, Inc. | 8.00 |
| | | | | |

| | | | | |
|----|------------|--|-----------------|-------|
| D1 | BRB SG 517 | Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer | BRB | 25.00 |
| D2 | Perfume | Parfum | Local Suppliers | 0.30 |
| | | | | |

Procedure

- 1) Prepared Phase A and mixed well.
- 2) Add Phase B into Phase A and heat to 80°C and mix well.
- 3) Add phase C and mix until the powders are completely dispersed.
- 4) Add phase D and homogenized well.

Typical properties / Additional information

| Parameter | Unit | Value |
|------------|------|------------------------|
| Appearance | | Colored viscous liquid |
| pH | | N/A |

Please note that this formulation has passed stability 1 month @ 50°C, 3 months @ 40°C, thaw freeze cycles (-18°C/40°C).

The Product Safety Data Sheets for BRB products should be obtained from your BRB office prior to use. ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

This formulation has been developed with the support of Azelis, BRB Partner in Turkey.





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Guideline Formulation

Mineral Broad-Spectrum Sunscreen

Formulation S230127-01

Skin Care

BRB International BV

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Description

Mineral Broad-Spectrum Sunscreen is a broad-spectrum inorganic sunscreen with proven protection against UVA and UVB.

Benefits

Mineral Broad-Spectrum Sunscreen is a lightweight, residue-free formula with broad-spectrum UV protection against skin damage and premature ageing and intensive care for the skin. It gives a powdery skin feel without leaving any greasiness onto skin. It can be used as makeup base to provide long lasting.

Featuring

| | |
|-------------------------|--|
| BRB 423: | Acts as water-in-oil emulsifier |
| BRB 6340: | Acts as water-in-silicone emulsifier |
| BRB Caprylyl Methicone: | Improves spreadability and silkiness |
| BRB 2835: | Provides emolliency to skin |
| BRB DM 55: | Provides light & non greasy feel to skin |
| BRB DM 5: | Aids in spreadability. Provides light emolliency to skin |
| BRB PMS-5: | Provides excellent powdery, smooth feel and good lubricity |

Formulation

| No | Ingredients | INCI | Suppliers | Dosage (%) |
|----|------------------------|---|---------------------|------------|
| A1 | Cithrol™ PG32IS | Polyglyceryl-3 Diisostearate | Croda | 2.50 |
| A2 | BRB 423 | Cetyl PEG/PPG-10/1 Dimethicone | BRB | 2.00 |
| A3 | BRB 6340 | PEG-10 Dimethicone | BRB | 1.00 |
| A4 | BRB Caprylyl Methicone | Caprylyl Methicone | BRB | 5.00 |
| A5 | Solaveil XT-100 | Titanium Dioxide (and) C12-15 Alkyl Benzoate (and) Polyhydroxystearic Acid (and) Stearic Acid (and) Alumina | Croda | 30.00 |
| A6 | BRB 2835 | Cetyl Dimethicone | BRB | 0.50 |
| A7 | BRB DM 55 | Dimethicone | BRB | 3.00 |
| A8 | Finsolv TN | C12-15 Alkyl Benzoate | Innospec | 2.00 |
| | | | | |
| B1 | BRB DM 5 | Dimethicone | BRB | 2.00 |
| B2 | BRB PMS-5 | Polymethylsilsesquioxane | BRB | 3.00 |
| | | | | |
| C1 | DI water | Aqua | | 42.30 |
| C2 | Butylene Glycol | Butylene Glycol | Local supplier | 3.00 |
| C3 | Sodium Chloride | Sodium Chloride | Local supplier | 1.00 |
| | | | | |
| D1 | Sharomix 722 | Dehydroacetic Acid (and) Benzoic Acid (and) Phenoxyethanol (and) Ethylhexylglycerin (and) Polyaminopropyl Biguanide | Sharon Laboratories | 0.70 |
| D2 | Entadine | Entada Phaseoloides Bark/Seed Extract | Exsymol | 2.00 |

Procedure

- 1) Add A1-A8 into a beaker and mix well.
- 2) In a separate beaker, premix B1 & B2. Then add into step 1.
- 3) In a separate beaker, prepare phase C.
- 4) Add step 3 into step 2 slowly and mix well.
- 5) Add D1 & D2 into bulk and mix well.

Typical properties / Additional information

| Parameter | Unit | Value |
|--------------------|------|---------------------------------|
| Appearance | | White cream |
| Viscosity | | approx. 20,000-30,000 |
| pH | | NA |
| Sensory attributes | | Easy to spread, non-greasy feel |

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