FORMULATION GUIDE
NOURISHING BODY OIL – MEDIUM PROTECTION (SPF 15* TARGETTED)
LAB CODE : bba-017/4

Ultra light and non-greasy, this precious oil provides the skin with an invisible and comfortable protection, thanks to the combination of carefully refined natural oils, technical emollients and UV filters for a medium broad spectrum action.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 TCG-M (1)</td>
<td>CAPRYLIC/CAPRIC TRIGLYCERIDES</td>
<td>QSP 100.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>2 HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOSTEARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>10.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>3 OLIVE SQUALANE (1)</td>
<td>SQUALANE</td>
<td>1.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>4 ECO OIL (1)</td>
<td>SIMMONDSIA SINENSIS (JOJOBA) OIL</td>
<td>1.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>5 KAK DADIP-R (1)</td>
<td>DIISOPROPYL DIMER DILINOLEATE</td>
<td>3.50</td>
<td>Emollient</td>
</tr>
<tr>
<td>6 EUSOLEX 2292 (2)</td>
<td>ETHYLHEXYL METHOXYCINNAMATE</td>
<td>6.00</td>
<td>Organic UVB Filter</td>
</tr>
<tr>
<td>7 EUSOLEX 9020 (2)</td>
<td>BUTYL METHOXYDIBENZOYL METHANE</td>
<td>2.00</td>
<td>Organic UVA Filter</td>
</tr>
<tr>
<td>8 EUSOLEX OCR (2)</td>
<td>OCTOCRYLENE</td>
<td>4.00</td>
<td>Organic UVB Filter</td>
</tr>
<tr>
<td>9 ETHANOL</td>
<td>ETHANOL</td>
<td>15.00</td>
<td>Solvent</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) MERCK
**Nourishing Body Oil — Medium Protection (SPF 15* Targetted)**

**Lab Code:** bba-017/4

- **Process**
  - At room temperature, mix all ingredients.
  - Ensure clarity

- **Characteristics**
  - Light yellow clear oil
  - pH: not concerned
  - Stability: in progress

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**Key points**

- HAILUCENT ISDA, a vegetable polymer (suitable for Ecocert products) offers elegant film-forming effect and excellent compatibility with organic sun filters.
- Cooling action thanks to purified ethanol.
- Light but nourishing texture thanks to the combination of esters and natural oils.
- 84.5% of the ingredients are of natural origin.

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* Not Tested
CLEAR LIPSTICK
LAB CODE : J22

The 1st smooth, glossy and **PERFECTLY CLEAR** lipstick which also demonstrates no yellowish look, good stability and lasting result on the lips.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAIMALATE PAM (1)</td>
<td>45.00</td>
<td>Oil Gelling Agent</td>
</tr>
<tr>
<td></td>
<td>DIISOSTEARYL MALATE &amp; BIS-DIOCTADECYLAMIDE DIMER DILINOLEIC ACID / ETHYLENE DIAMINE COPOLYMER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>RISOREX PGIS22 (1)</td>
<td>22.50</td>
<td>Emulsifying</td>
</tr>
<tr>
<td></td>
<td>POLYGLYCERYL-2 DIISOSTEARATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>KAK 139 (1)</td>
<td>22.50</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>ISOTRIDECYL ISONONANOATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>HAILUCENT ISDA (1)</td>
<td>5.00</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>POLYGLYCERYL-2 ISOSTEARATE / DIMER DILINOLEATE COPOLYMER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>KAK PTI (1)</td>
<td>5.00</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>PENTAERYTHRITYL TETRAISOSTEARATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>EMIX-D (2)</td>
<td>QS</td>
<td>Anti free-radical</td>
</tr>
<tr>
<td></td>
<td>TOCOPHEROL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) EISAI FOOD & CHEMICAL Co, Ltd
CLEAR LIPSTICK
LAB CODE : cls-43

The 1st smooth, glossy and PERFECTLY CLEAR lipstick which also demonstrates a very good resistance to syneresis.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAIMALATE PAM (1)</td>
<td>DIISOSTEARYL MALATE &amp; BIS-DIOCTADECYLAMIDE DIMER DILINOLEIC ACID / ETHYLENEDIAMINE COPOLYMER</td>
<td>30.00</td>
</tr>
<tr>
<td>2</td>
<td>RISONOL 20 SP (1)</td>
<td>OCTYLDODECANOL</td>
<td>12.00</td>
</tr>
<tr>
<td>3</td>
<td>KAK 139 (1)</td>
<td>ISOTRIDECYL ISONONANOATE</td>
<td>55.00</td>
</tr>
<tr>
<td>4</td>
<td>GP-1 (3)</td>
<td>DIBUTYL LAUROYL GLUTAMIDE</td>
<td>1.80</td>
</tr>
<tr>
<td>5</td>
<td>EB-21 (3)</td>
<td>DIBUTYL ETHYLHEXANOYL GLUTAMIDE</td>
<td>1.20</td>
</tr>
<tr>
<td>6</td>
<td>EMIX-D (2)</td>
<td>TOCOPHEROL</td>
<td>QS</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) EISAI FOOD & CHEMICAL Co, Ltd, (3) AJINOMOTO Co, INC.
Clear Lipstick
Lab Code : J22

- **Process**
  - Heat all the ingredients up to 110°C and stir until completely melted.
  - Pour into lipstick molds preheated to 45°C.
  - Cool down to RT slowly and insert them into lipstick cases.
  - Sticks can be flamed to increase clarity.

- **Characteristics**
  - Clear non-colored stick
  - Stability 3 months at 25°C, 1 month at 40°C, 5 cycles tests 25°C/40°C/45°C

The result of years of research and development...

Perfectly clear lipstick thanks to **HAIMALATE PAM**, a safe and stable polyamide resin, specially designed for clear stick applications

**Key points**

**HAILUCENT ISDA**, an Ecocert vegetable-derived polymer, offers very high glossy, deep moisture and good adhesion (long hold)

The best compromise in terms in smoothness, adhesiveness and comfort

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CLEAR LIPSTICK
LAB CODE : CLS-43

- **Process**
  - Heat all the ingredients up to 130°C and stir until completely melted.
  - Pour into lipstick molds preheated to 45°C.
  - Cool down to RT slowly and insert sticks into lipstick cases.
  - Sticks can be flamed to increase clarity.

- **Characteristics**
  - Clear non-colored stick
  - Stability 3 months at 25°C, 1 month at 40°C, 5 cycles tests 25°C/40°C/45°C

The patented result of years of research and development...

Perfectly clear lipstick thanks to **HAIMALATE PAM**, a safe and stable polyamide resin, specially designed for clear stick applications

Accepts oil-soluble dyes, glitters, fragrance, additives...

An increased resistance to syneresis

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ESTENITY head Office
Villa Créatis – 2 rue des Mûriers 69009 Lyon – France
Tel : +33 (0)4 26 23 41 30  Fax : +33 (0)4 72 20 08 71
www.estenity-europe.com

KOKYU ALCOHOL KOGYO head Office & Labs
Taiei Kogyo Danchi 641-6, Kichioka,Narita, Chiba 287-0225, Japan
Tel : +81-476-73-6020  FAX : +81-476-73-6024
E-mail : hai@kak.co.jp  www.kak.co.jp

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COLOR CLEAR LIPSTICK
LAB CODE : cls-43-5

A 100% clear lipstick offering a subtle color issued from natural dye and a long-lasting shiny finish.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAIMALATE PAM (1)</td>
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<td>Oil Gelling Agent</td>
</tr>
<tr>
<td></td>
<td>DIISOSTEARYL MALATE &amp; BIS-DIOCTADECYLAMIDE DIMER DILINOLEIC ACID / ETHYLENEDIAMINE COPOLYMER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>RISONOL 20 SP (1)</td>
<td>12.00</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>OCTYLDODECANOL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>KAK 139 (1)</td>
<td>QSP 100.00</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>ISOTRIDECYL ISONONANOATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>GP-1 (3)</td>
<td>1.80</td>
<td>Oil Gelling Agent</td>
</tr>
<tr>
<td></td>
<td>DIBUTYL LAUROYL GLUTAMIDE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>EB-21 (3)</td>
<td>1.20</td>
<td>Oil Gelling Agent</td>
</tr>
<tr>
<td></td>
<td>DIBUTYL ETHYLHEXANOYL GLUTAMIDE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>EMIX-D (2)</td>
<td>QS</td>
<td>Anti free-radical</td>
</tr>
<tr>
<td></td>
<td>TOCOPHEROL</td>
<td></td>
<td></td>
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<tr>
<td>7</td>
<td>SHIKONIN S (4)</td>
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<td>SHIKONIN</td>
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<tr>
<td>8</td>
<td>RONASTAR NOBLE SPARKS</td>
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<td>Pearlescent Agent</td>
</tr>
<tr>
<td></td>
<td>CALCIUM ALUMINIUM BOROSILICATE &amp; SILICA &amp; TITANIUM DIOXIDE &amp; TIN OXIDE</td>
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<td></td>
</tr>
<tr>
<td>9</td>
<td>FRAGRANCE</td>
<td>0.10</td>
<td>Fragrance</td>
</tr>
<tr>
<td></td>
<td>FRAGRANCE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) EISAI FOOD & CHEMICAL Co, Ltd, (3) AJINOMOTO Co, INC. (4) MARUZEN PHARMACEUTICALS CO, Ltd, (5) MERCK
HIGH SHINE HIGH SMOOTH LIPSTICK
LAB CODE : ILB(1)-63-1-P

Smooth, glossy and comfortable lipstick. Vibrant color coverage.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT ISDA (1)</td>
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</tr>
<tr>
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<td>KAK PTI (1)</td>
<td>25.40</td>
<td>Emollient</td>
</tr>
<tr>
<td>3</td>
<td>TCG-M (1)</td>
<td>18.20</td>
<td>Emollient</td>
</tr>
<tr>
<td>4</td>
<td>HAIMALATE DIS (1)</td>
<td>12.60</td>
<td>Emollient</td>
</tr>
<tr>
<td>5</td>
<td>RISONOL 20 SP (1)</td>
<td>9.10</td>
<td>Emollient</td>
</tr>
<tr>
<td>6</td>
<td>LIPWAX PZ80-20 (3)</td>
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<td>Wax</td>
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<tr>
<td>7</td>
<td>MICROCRYSTALLINE WAX (4)</td>
<td>3.64</td>
<td>Wax</td>
</tr>
<tr>
<td>8</td>
<td>POLYWAX 500 (5)</td>
<td>2.73</td>
<td>Wax</td>
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<tr>
<td>9</td>
<td>CERESIN #810 (4)</td>
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<td>Wax</td>
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<tr>
<td>10</td>
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<td>Anti free-radical</td>
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<tr>
<td>11</td>
<td>PIGMENT</td>
<td>1.50</td>
<td>Color Agent</td>
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<tr>
<td>12</td>
<td>TIMIRON STAR LUSTER MP 115 (6)</td>
<td>4.00</td>
<td>Pearlescent Agent</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) EISAI FOOD & CHEMICAL Co, Ltd, (3) JAPAN NATURAL PRODUCTS INC., (4) NIKKO RICA CORPORATION, (5) BAKER PETROLITE, (6) MERCK CHEMICALS
**Process**
- Heat ingredients 1 to 6 up to 130°C and stir until completely melted. Add 7, 8 and 9 at approx. 100°C.
- Pour into lipstick molds preheated to 45°C.
- Cool down to RT slowly and insert sticks into lipstick cases.
- Sticks can be flamed to increase clarity.

**Characteristics**
- Clear light red stick
- Stability 3 months at 25°C, 1 month at 40°C, 5 cycles tests 25°C/40°C/45°C

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**Key points**
- Perfectly clear lipstick thanks to **HAIMALATE PAM**, a safe and stable polyamide resin, specially designed for clear stick applications
- Unique and natural color thanks Shikonin, fully compatible with **HAIMALATE PAM**
- An increased resistance to syneresis

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**High Shine High Smooth Lipstick**

**Lab Code : ilb(1)-63-1-P**

- **Process**
  - Charge ingredients 1 to 11 and heat up to 100°C.
  - Mix them until uniform. Use tri-roll mill or suitable grinding equipment if necessary.
  - Add 12.
  - De-aerate.
  - Pour into molds and cool down.

- **Characteristics**
  - Stability 3 months at 25°C, 1 month at 40°C, 5 cycles tests 5°C/25°C/45°C/25°C

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Incredible shiny finish thanks to HAILUCENT ISDA, vegetable polymer suitable for Ecocert products

High smoothness... High comfort

Key points

Excellent adhesion

Lipsticks gain in hardness and stability

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CLEAR LIP GLOSS
LAB CODE: lg330

Pure liquid shine and very comfortable film thanks to the combination of esters and polymers.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOSTEARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>40.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>2 HAIMALATE DIS (1)</td>
<td>DIISOSTEARYL MALATE</td>
<td>15.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>3 RISOREX PGIS22 (1)</td>
<td>POLYGLYCERYL-2 DIISOSTEARATE</td>
<td>30.00</td>
<td>Emulsifying Agent</td>
</tr>
<tr>
<td>4 KAK PTI (1)</td>
<td>PENTAERYTHRITYL TETRAISOSTEARATE</td>
<td>9.90</td>
<td>Emollient</td>
</tr>
<tr>
<td>5 RHEOPEARL TT2 (2)</td>
<td>DEXTRIN PALMITATE/ETHYLHEXANOATE</td>
<td>4.00</td>
<td>Oil Gelting Agent</td>
</tr>
<tr>
<td>6 KESTER WAX K82-D (3)</td>
<td>DI-C-20-40 ALKYL DIMER DILINOLEATE</td>
<td>1.00</td>
<td>Viscosity Controlling</td>
</tr>
<tr>
<td>7 EMIX D (4)</td>
<td>TOCOPHEROL</td>
<td>0.10</td>
<td>Anti Free-Radical</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) CHIBA FLOUR MILLING Co, Ltd (3) KOSTER KEUNEN (4) EISAI FOOD & CHEMICAL Co, Ltd
Lip Gloss Glittering Red
Lab Code: LG330-GR

Pure liquid shine and very comfortable film thanks to the combination of esters and polymers. Full color coverage.

<table>
<thead>
<tr>
<th></th>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOSTEARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>40.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>2</td>
<td>HAIMALATE DIS (1)</td>
<td>DIISOSTEARYL MALATE</td>
<td>15.42</td>
<td>Emollient</td>
</tr>
<tr>
<td>3</td>
<td>RISOREX PGIS22 (1)</td>
<td>POLYGLYCERYL-2 DIISOSTEARATE</td>
<td>30.00</td>
<td>Emulsifying Agent</td>
</tr>
<tr>
<td>4</td>
<td>KAK PTI (1)</td>
<td>PENTAERYTHRITYL TETRAISOSTEARATE</td>
<td>8.80</td>
<td>Emollient</td>
</tr>
<tr>
<td>5</td>
<td>RHEOPEARL TT2 (2)</td>
<td>DEXTRIN PALMITATE/ETHYLHEXANOATE</td>
<td>4.00</td>
<td>Oil Gelling Agent</td>
</tr>
<tr>
<td>6</td>
<td>KESTER WAX K82-D (3)</td>
<td>DI-C-20-40 ALKYL DIMER DILINOLEATE</td>
<td>1.00</td>
<td>Viscosity Controlling</td>
</tr>
<tr>
<td>7</td>
<td>RED DYE</td>
<td></td>
<td>0.18</td>
<td>Colouring Controlling</td>
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<tr>
<td>8</td>
<td>RONASTAR BLUE SPARKS (5)</td>
<td>CALCIUM ALUMINIUM BOROSILICATE &amp; TITANIUM DIOXIDE &amp; SILICA &amp; TIN OXIDE</td>
<td>0.10</td>
<td>Pearlescent Agent</td>
</tr>
<tr>
<td>9</td>
<td>RONASTAR SILVER (5)</td>
<td>CALCIUM ALUMINIUM BOROSILICATE &amp; SILICA &amp; TITANIUM DIOXIDE &amp; TIN OXIDE</td>
<td>0.10</td>
<td>Pearlescent Agent</td>
</tr>
<tr>
<td>10</td>
<td>PROMINENCE RYH (6)</td>
<td>SYNTHETIC FLUORPHLOGOPITE &amp; TITANIUM DIOXIDE &amp; IRON OXIDES</td>
<td>0.30</td>
<td>Pearlescent Agent</td>
</tr>
<tr>
<td>11</td>
<td>EMIX D (4)</td>
<td>TOCOPHEROL</td>
<td>0.10</td>
<td>Anti Free-Radical</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO  (2) CHIBA FLOUR MILLING Co, Ltd  (3) KOSTER KEUNEN  (4) EISAI FOOD & CHEMICAL Co, Ltd  (5) MERCK  (6) TOPY INDUSTRIES
Process
- Charge ingredients 1 to 7 in a suitable vessel and heat to 100°C.
- Gently mix until the preparation is homogeneous.
- De-aerate and cool down to RT.

Characteristics
- Clear viscous liquid
- Stability: 3 months at 25°C, 3 months at 45°C, 5 cycles test 5°C/45°C passed

HAILUCENT ISDA, an Ecocert vegetable-derived polymer, offers very high glossy, deep moisture and good adhesion (long hold).

Key points
- No sticky feel
- Long hold without bleeding
- More than 70% of the ingredients are of vegetable origin.

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**Lip Gloss Glittering Red**
**Lab Code: lg330-gr**

- **Process**
  - Charge ingredients 1 to 7 + 11 in a suitable vessel and heat to 100°C.
  - Gently mix until the preparation is homogeneous.
  - Add ingredients 8, 9 and 10.
  - De-aerate and cool down to RT.

- **Characteristics**
  - Red Glittering liquid
  - Stability: 3 months at 25°C, 3 months at 45°C, 5 cycles test 5°C/45°C passed

**HAILUCENT ISDA**, an Ecocert vegetable-derived polymer, offers very high glossy, deep moisture and good adhesion (long hold)
Colors are enhanced thanks to HAILUCENT ISDA high compatibility with dyes and pigments

**Key points**
- Long hold without bleeding
- More than 70% of the ingredients are of vegetable origin.

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**COMFORTABLE LIP GLOSS**  
**LAB CODE: lg-K5**

Exceptional glossy finish, spectacular adhesion to the lips and a very rich texture for a maximum of comfort and plumping.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT INDA II (1)</td>
<td>POLYGLYCERYL-2 ISONONANOATE/DIMER DILINOLEATE COPOLYMER</td>
<td>40.00</td>
</tr>
<tr>
<td>2</td>
<td>HAIMALATE DIS (1)</td>
<td>DIISOSTEARYL MALATE</td>
<td>10.00</td>
</tr>
<tr>
<td>3</td>
<td>RISOREX PGIS22 (1)</td>
<td>POLYGLYCERYL-2 DIISOSTEARATE</td>
<td>30.00</td>
</tr>
<tr>
<td>4</td>
<td>HAILUCENT DPIN 6 (1)</td>
<td>DIPENTAERYTHRITYL HEXAISONONANOATE</td>
<td>14.90</td>
</tr>
<tr>
<td>5</td>
<td>RHEOPEARL TT2 (2)</td>
<td>DEXTRIN PALMITATE/ETHYLHEXANOATE</td>
<td>3.00</td>
</tr>
<tr>
<td>6</td>
<td>KESTER WAX K82-D (3)</td>
<td>DI-C-20-40 ALKYL DIMER DILINOLEATE</td>
<td>2.00</td>
</tr>
<tr>
<td>7</td>
<td>EMIX D (4)</td>
<td>TOCOPHEROL</td>
<td>0.10</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) CHIBA FLOUR MILLING Co, Ltd (3) KOSTER KEUNEN (4) EISAI FOOD & CHEMICAL Co, Ltd
COMFORTABLE RED LIP GLOSS
LAB CODE: LG-K5-gr

Exceptional glossy finish, translucent colour and glimmering effect in a very rich texture. Designed for all types of lips (including dry ones) thanks to its comfortable and long-lasting hold.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT INDA II (1) POLYGLYCERYL-2 ISONONANOATE/DIMETER DILINOLEATE COPOLYMER</td>
<td>40.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>2</td>
<td>HAIMALATE DIS (1) DIISOSTEARYL MALATE</td>
<td>10.42</td>
<td>Emollient</td>
</tr>
<tr>
<td>3</td>
<td>RISOREX PGIS22 (1) POLYGLYCERYL-2 DIISOSTEARATE</td>
<td>30.00</td>
<td>Emulsifying Agent</td>
</tr>
<tr>
<td>4</td>
<td>HAILUCENT DPIN 6 (1) DIPENTAERYTHRITYL HEXAISONONANOATE</td>
<td>13.80</td>
<td>Emollient</td>
</tr>
<tr>
<td>5</td>
<td>RHEOPEARL TT2 (2) DEXTRIN PALMITATE/ETHYLHEXANOATE</td>
<td>3.00</td>
<td>Oil Gelling Agent</td>
</tr>
<tr>
<td>6</td>
<td>KESTER WAX K82-D (3) DI-C-20-40 ALKYL DIMER DILINOLEATE</td>
<td>2.00</td>
<td>Viscosity Controlling</td>
</tr>
<tr>
<td>7</td>
<td>EMIX D (4) TOCOPHEROL</td>
<td>0.10</td>
<td>Anti Free-Radical</td>
</tr>
<tr>
<td>8</td>
<td>RED DYE</td>
<td>0.18</td>
<td>Colouring Agent</td>
</tr>
<tr>
<td>9</td>
<td>RONASTAR BLUE SPARKS (5) CALCIUM ALUMINIUM BOROSILICATE &amp; TITANIUM DIOXIDE &amp; SILICA &amp; TIN OXIDE</td>
<td>0.10</td>
<td>Pearlescent Agent</td>
</tr>
<tr>
<td>10</td>
<td>RONASTAR SILVER (5) CALCIUM ALUMINIUM BOROSILICATE &amp; SILICA &amp; TITANIUM DIOXIDE &amp; TIN OXIDE</td>
<td>0.10</td>
<td>Pearlescent Agent</td>
</tr>
<tr>
<td>11</td>
<td>PROMINENCE RYH (6) SYNTHETIC FLUORPHLOGOPITE &amp; TITANIUM DIOXIDE &amp; IRON OXIDES</td>
<td>0.30</td>
<td>Pearlescent Agent</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) CHIBA FLOUR MILLING Co, Ltd (3) KOSTER KEUNEN (4) EISAI FOOD & CHEMICAL Co, Ltd (5) MERCK, (6) TOPY INDUSTRIES
COMFORTABLE CLEAR LIP GLOSS
LAB CODE: lg-K5

- **Process**
  - Charge ingredients 1 to 7 in a suitable vessel and heat to 100°C.
  - Gently mix until the preparation is homogeneous.
  - De-aerate and cool down to RT.

- **Characteristics**
  - Translucent viscous liquid
  - Stability: in progress

---

HAILUCENT INDA II, as a compromise between a superior glossy ester and a technical polymer offers an incredible long lasting glossy effect.

Long-lasting shine...

**Key points**

... long-lasting hold!

HAILUCENT DPIN6, newly developed ester brings superior adhesion to the lips and an enriched texture

---

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COMFORTABLE RED LIP GLOSS
LAB CODE: lg-K5-gr

Process
- Charge ingredients 1 to 8 in a suitable vessel and heat to 100°C.
- Gently mix until the preparation is homogeneous.
- Add ingredients 9, 10 and 11.
- De-aerate and cool down to RT.

Characteristics
- Red viscous liquid
- Stability: in progress

HAILUCENT INDA II, as a compromise between a superior glossy ester and a technical polymer offers an incredible long lasting glossy effect.

HAILUCENT DPIN6, newly developed ester brings superior adhesion to the lips and an enriched texture.

Key points
- Long-lasting shine...
- ... long-lasting hold!

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ESTENITY head Office
Villa Créatis – 2 rue des Mûriers 69009 Lyon – France
Tel : +33 (0)4 26 23 41 30  Fax : +33 (0)4 72 20 08 71
www.estenity-europe.com

KOKYU ALCOHOL KOGYO head Office & Labs
Taiei Kogyo Danchi 641-6, Kichioka,Narita, Chiba 287-0225, Japan
Tel : +81-476-73-6020  FAX : +81-476-73-6024
E-mail : hai@kak.co.jp  www.kak.co.jp
# Light Feeling Lip Gloss

**Lab Code: LG-S3**

Looking for a light-textured gloss with extreme glossy shine and a long-lasting hold?  
*This is it!!*

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT INDA II (1)</td>
<td>40.00</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>POLYGLYCERYL-2 ISONONANOATE/DIMER DILINOLEATE COPOLYMER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>HAIMALATE DIS (1)</td>
<td>10.00</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>DIIOSOSTEARYL MALATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>RISOREX PGIS22 (1)</td>
<td>30.00</td>
<td>Emulsifying Agent</td>
</tr>
<tr>
<td></td>
<td>POLYGLYCERYL-2 DIIOSOSTEARATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>KAK 139 (1)</td>
<td>14.90</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>ISOTRIDGEYL ISONONANOATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>RISONOL 20 SP (1)</td>
<td>0.80</td>
<td>Emollient</td>
</tr>
<tr>
<td></td>
<td>OCTYLDODECANOL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>GP-1 (3)</td>
<td>0.12</td>
<td>Oil Gelling Agent</td>
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<tr>
<td></td>
<td>DIBUTYL LAUROYL GLUTAMIDE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>EB-21 (3)</td>
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<td>Oil Gelling Agent</td>
</tr>
<tr>
<td></td>
<td>DIBUTYL ETHYLHEXANOYL GLUTAMIDE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>RHEOPEARL TT2 (2)</td>
<td>4.00</td>
<td>Oil Gelling Agent</td>
</tr>
<tr>
<td></td>
<td>DEXTRIN PALMITATE/ETHYLHEXANOATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>EMIX D (4)</td>
<td>0.10</td>
<td>Anti Free-Radical</td>
</tr>
<tr>
<td></td>
<td>TOCOPHEROL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) CHIBA FLOUR MILLING Co, Ltd (3) AJINOMOTO Co, Inc. (4) EISAI FOOD & CHEMICAL Co, Ltd
Looking for a light textured gloss with extreme glossy shine, long lasting colour coverage and superior adhesion to the lips? This is it!!

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT INDA II (1)</td>
<td>POLYGLYCERYL-2 ISONONANOATE/DIMER DILINOLEATE COPOLYMER</td>
<td>40.00</td>
</tr>
<tr>
<td>2</td>
<td>HAIMALATE DIS (1)</td>
<td>DIISOSTEARYL MALATE</td>
<td>10.42</td>
</tr>
<tr>
<td>3</td>
<td>RISOREX PGIS22 (1)</td>
<td>POLYGLYCERYL-2 DIISOSTEARATE</td>
<td>30.00</td>
</tr>
<tr>
<td>4</td>
<td>KAK 139 (1)</td>
<td>ISOTRIDECYL ISONONANOATE</td>
<td>13.80</td>
</tr>
<tr>
<td>5</td>
<td>RISONOL 20 SP (1)</td>
<td>OCTYLDODECANOL</td>
<td>0.80</td>
</tr>
<tr>
<td>6</td>
<td>RHEOPEARL TT2 (2)</td>
<td>DEXTRIN PALMITATE/ETHYLEXYANOATE</td>
<td>4.00</td>
</tr>
<tr>
<td>7</td>
<td>GP-1 (3)</td>
<td>DIBUTYL LAUROYL GLUTAMIDE</td>
<td>0.12</td>
</tr>
<tr>
<td>8</td>
<td>EB-21 (3)</td>
<td>DIBUTYL ETHYLEXYANOYL GLUTAMIDE</td>
<td>0.08</td>
</tr>
<tr>
<td>9</td>
<td>EMIX D (4)</td>
<td>TOCOPHEROL</td>
<td>0.10</td>
</tr>
<tr>
<td>10</td>
<td>PINK DYE</td>
<td></td>
<td>0.18</td>
</tr>
<tr>
<td>11</td>
<td>RONASTAR BLUE SPARKS (5)</td>
<td>CALCIUM ALUMINIUM BOROSILICATE &amp; TITANIUM DIOXIDE &amp; SILICA &amp; TIN OXIDE</td>
<td>0.10</td>
</tr>
<tr>
<td>12</td>
<td>RONASTAR SILVER (5)</td>
<td>CALCIUM ALUMINIUM BOROSILICATE &amp; SILICA &amp; TITANIUM DIOXIDE &amp; TIN OXIDE</td>
<td>0.10</td>
</tr>
<tr>
<td>13</td>
<td>PROMINENCE RYH (6)</td>
<td>SYNTHETIC FLUORPHLOGOPITE &amp; TITANIUM DIOXIDE &amp; IRON OXIDES</td>
<td>0.30</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) CHIBA FLOUR MILLING Co, Ltd (3) AJINOMOTO Co, Inc. (4) EISAI FOOD & CHEMICAL Co, Ltd (5) MERCK (6) TOPY INDUSTRIES
Process
- Charge ingredients 1 to 9 in a suitable vessel and heat to 110°C.
- Gently mix until the preparation is homogeneous.
- De-aerate and cool down to RT.

Characteristics
- Translucent liquid
- Stability: in progress

HAILUCENT INDA II, as a compromise between a superior glossy ester and a technical polymer offers an incredible long lasting glossy effect.

Long-lasting shine...

KAK 139 (high purity ISOTRIDECYLISONONANOATE) brings light texture as a sensorial substitute for cyclomethicone.

... long-lasting hold!

Key points

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**Process**
- Charge ingredients 1 to 10 in a suitable vessel and heat to 110°C.
- Gently mix until the preparation is homogeneous.
- Add remaining ingredients.
- De-aerate and cool down to RT.

**Characteristics**
- Pink viscous liquid
- Stability: in progress

---

**Key points**

- **HAILUCENT INDA II**, as a compromise between a superior glossy ester and a technical polymer offers an incredible long lasting glossy effect.
- Long-lasting shine and enhanced colour coverage...
- ...long-lasting hold!
- **KAK 139** (high purity ISOTRIDECYL ISONONANOATE) brings light texture as a sensorial substitute for cyclomethicone.

---

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## High Shine Lipstick

**Lab Code:** lse-1

*New INEDIT texture with long-lasting gloss...*

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT INDA II (1)</td>
<td>POLYGLYCERYL-2 ISONONANOATE/ DIMER DILINOLEATE COPOLYMER</td>
<td>20.00</td>
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<tr>
<td>2</td>
<td>KAK PTI (1)</td>
<td>PENTAERYTHRITYL TETRAISOSTEARATE</td>
<td>22.00</td>
</tr>
<tr>
<td>3</td>
<td>HAIMALATE DIS (1)</td>
<td>DIISOSTEARYL MALATE</td>
<td>15.00</td>
</tr>
<tr>
<td>4</td>
<td>KAK 139 (1)</td>
<td>ISOTRIDECYL ISONONANOATE</td>
<td>19.90</td>
</tr>
<tr>
<td>5</td>
<td>RISOREX PGIS23 (1)</td>
<td>POLYGLYCERYL-2 TRIISOSTEARATE</td>
<td>6.00</td>
</tr>
<tr>
<td>6</td>
<td>RISOCAST MIS (1)</td>
<td>HYDROGENATED CASTOR OIL ISOSTEARATE</td>
<td>5.00</td>
</tr>
<tr>
<td>7</td>
<td>LIPWAX PZ80-20 (3)</td>
<td>SYNTHETIC WAX &amp; ETHYLENE/PROPYLENE COPOLYMER</td>
<td>4.00</td>
</tr>
<tr>
<td>8</td>
<td>MICROCRYSTALLINE WAX (4)</td>
<td>MICROCRYSTALLINE WAX</td>
<td>4.00</td>
</tr>
<tr>
<td>9</td>
<td>POLYWAX 500 (5)</td>
<td>POLYETHYLENE</td>
<td>3.00</td>
</tr>
<tr>
<td>10</td>
<td>CERESIN #810 (4)</td>
<td>CERESIN</td>
<td>1.00</td>
</tr>
<tr>
<td>11</td>
<td>EMIX-D (2)</td>
<td>TOCOPHEROL</td>
<td>0.10</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) EISAI FOOD & CHEMICAL Co, Ltd, (3) JAPAN NATURAL PRODUCTS INC., (4) NIKKO RICA CORPORATION, (5) BAKER PETROLITE
HIGH SHINE COLORFULL LIPSTICK  
LAB CODE : lse-1-r  

New INEDIT texture with long-lasting gloss...

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 HAILUCENT INDA II (1)</td>
<td>POLYGLYCERYL-2 ISONONANOATE/ DIMER DILINOLEATE COPOLYMER</td>
<td>18.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>2 KAK PTI (1)</td>
<td>PENTAERYTHRITYL TETRAISOSTEARATE</td>
<td>19.80</td>
<td>Emollient</td>
</tr>
<tr>
<td>3 HAIMALATE DIS (1)</td>
<td>DIISOSTEARYL MALATE</td>
<td>19.50</td>
<td>Emollient</td>
</tr>
<tr>
<td>4 KAK 139 (1)</td>
<td>ISOTRIDECYL ISONONANOATE</td>
<td>17.90</td>
<td>Emollient</td>
</tr>
<tr>
<td>5 RISOREX PGIS23 (1)</td>
<td>POLYGLYCERYL-2 TRISOSTEARATE</td>
<td>5.40</td>
<td>Emollient</td>
</tr>
<tr>
<td>6 RISOCAST MIS (1)</td>
<td>HYDROGENATED CASTOR OIL ISOSTEARATE</td>
<td>4.50</td>
<td>Emollient</td>
</tr>
<tr>
<td>7 LIPWAX PZ80-20 (3)</td>
<td>SYNTHETIC WAX &amp; ETHYLENE/PROPYLENE COPOLYMER</td>
<td>3.60</td>
<td>Wax</td>
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<tr>
<td>8 MICROCRYSTALLINE WAX (4)</td>
<td>MICROCRYSTALLINE WAX</td>
<td>3.60</td>
<td>Wax</td>
</tr>
<tr>
<td>9 POLYWAX 500 (5)</td>
<td>POLYETHYLENE</td>
<td>2.70</td>
<td>Wax</td>
</tr>
<tr>
<td>10 CERESIN #810 (4)</td>
<td>CERESIN</td>
<td>0.90</td>
<td>Wax</td>
</tr>
<tr>
<td>11 EMIX-D (2)</td>
<td>TOCOPHEROL</td>
<td>0.10</td>
<td>Anti free-radical</td>
</tr>
<tr>
<td>12 RED 7</td>
<td>RED 7 (CI 15850)</td>
<td>4.00</td>
<td>Color Agent</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) EISAI FOOD & CHEMICAL Co, Ltd, (3) JAPAN NATURAL PRODUCTS INC., (4) NIKKO RICA CORPORATION, (5) BAKER PETROLITE
HIGH SHINE LIPSTICK
LAB CODE : lse-1

- **Process**
  - Charge ingredients 1 to 11 and heat up to 100°C.
  - Mix well until uniform.
  - De-aerate and pour into molds
  - Cool down (10°C waterbath for 15 minutes)

- **Characteristics**
  - Stability 3 months at 45°C, 5 cycles tests 5°C/25°C/45°C

HAILUCENT INDA II, as a compromise between a superior glossy ester and a technical polymer offers an incredible long lasting glossy effect.

Long-lasting gloss

Key points

Long-lasting hold

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High Shine Colorfull Lipstick
Lab Code: lse-1-R

- **Process**
  - Charge ingredients 1 to 12 and heat up to 100°C.
  - Mix well until uniform. Use tri-roll mill or any grinding equipment if needed.
  - De-aerate and pour into molds
  - Cool down (10°C waterbath for 15 minutes)

- **Characteristics**
  - Stability: 3 months at 45°C, 5 cycles tests 5°C/25°C/45°C

Hailucent INDA II, as a compromise between a superior glossy ester and a technical polymer offers an incredible long-lasting glossy effect.

Key points

Long-lasting gloss

Long-lasting hold

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# Intense Moisture Night Cream

**Lab Code: SAJ-011/6**

Dedicated to all skin types including dry, sensitive or mature skins, this luxurious emulsion provides the skin with intense moisture and comfort. To take advantage of the night to recover its smoothness and radiance.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
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<td>HAISUGARCANE BG (1)</td>
<td>BUTYLENE GLYCOL</td>
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<td>2</td>
<td>DIOL PD (1)</td>
<td>PENTYLENE GLYCOL</td>
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<tr>
<td>3</td>
<td>SATIAXANE CX911 (2)</td>
<td>XANTHAN GUM</td>
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<tr>
<td>4</td>
<td>WATER</td>
<td>WATER</td>
<td>QSP 100.00</td>
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<tr>
<td>5</td>
<td>HAILUCENT ISDA (1)</td>
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<tr>
<td>6</td>
<td>TCG-M (1)</td>
<td>CAPRYLIC/CAPRIC TRIGLYCERIDE</td>
<td>5.00</td>
</tr>
<tr>
<td>7</td>
<td>NPDIN (1)</td>
<td>NEOPENTYL GLYCOL DIISONONANOATE</td>
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</tr>
<tr>
<td>8</td>
<td>CETOSTEARYL ALCOHOL (1)</td>
<td>CETEARYL ALCOHOL</td>
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</tr>
<tr>
<td>9</td>
<td>MONTANOV 68 (3)</td>
<td>CETEARYL ALCOHOL &amp; CETEARYL GLUCOSIDE</td>
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<tr>
<td>10</td>
<td>SIMULGEL NS (3)</td>
<td>HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER &amp; SQUALANE &amp; POLYSORBATE 60</td>
<td>0.50</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) LASERSON, (3) SEPPIC
# Smooth Cleansing Careess

*Lab Code: SAK-012/10*

*Ultra bright, ultra smooth, this delightful fluid softly melts away all traces of makeup and impurities from your skin, leaving it pure and supple. To be rinsed or tissue-off.*

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAISUGARCANE BG (1)</td>
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<tr>
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<td>PENTYLENE GLYCOL</td>
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<td>SATIAXANE CX911 (2)</td>
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<td>6</td>
<td>XANTHAN GUM</td>
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<td>7</td>
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<td>8</td>
<td>WATER</td>
<td>QSP 100.00</td>
<td>Solvent</td>
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<td>9</td>
<td>WATER</td>
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<td></td>
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<tr>
<td>10</td>
<td>HAILUCENT ISDA (1)</td>
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</tr>
<tr>
<td>11</td>
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<tr>
<td>12</td>
<td>KAK TTI (1)</td>
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<tr>
<td>13</td>
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<td>14</td>
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<td>15</td>
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<td>18</td>
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<td>19</td>
<td>TRIBEHENIN PEG-20 ESTERS</td>
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<tr>
<td>20</td>
<td>SODIUM HYDROXIDE 32%</td>
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<tr>
<td>21</td>
<td>SODIUM HYDROXIDE</td>
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</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) LASERSON, (3) GATTEFOSSE
INTENSE MOISTURE NIGHT CREAM
LAB CODE : SAJ-011/6

Process
I. At RT, mix 1+2+3. Add in water heated at 75°C (rotor/stator 1000 rpm).
II. Heat ingredients 5 to 9 to 75°C. Pour into phase I (rotor/stator 1500 rpm).
III. Cool down to RT and add 10 at 50°C.

Characteristics
- Bright white cream
- pH 7.40
- Stability (In progress): 3 months at 45°C

Key points
- Intense moisture thanks to HAILUCENT ISDA, a vegetable-derived polymer (suitable for ECOCERT products)
- Preservative-free thanks to DIOL PD, high purity PENTYLENE GLYCOL and HAISUGARCANE BG, only vegetable Butylene Glycol
- Exceptional silky touch thanks to NPDIN, a sophisticated NEOPENTYL GLYCOL DIISONONANOATE (superior hypoallergenic ester)
- 91.5% of the ingredients are of natural origin

The information provided in this document is indicative and is subject to change. It is the responsibility of the user to check the safety, stability, industrial property (patents) and to use each ingredient mentioned in this document in accordance with national legislation. Kokyu Alchohol Kogyo and Estenity cannot be responsible for the availability, supply route, performance or misuse of these ingredients.
Process

I. Heat water to 60°C and sprinkle 4 over the surface. Wait until completely wetted. Disperse under suitable agitation (rotor/stator 1000 rpm).

II. At RT, mix 1+2+3. Add in phase I and heat to 75°C (rotor/stator 1000 rpm).

III. Heat ingredients 6 to 10 to 75°C. Pour into phase II (rotor/stator 1500 rpm).

IV. Cool down to RT and add 11 at 50°C under same agitation.

Characteristics

- Ultra bright white lotion
- pH 7.20
- Stability: In progress
- Viscosity: 24 200 mPa.s (RV6, 10 rpm)

Deep moisture thanks to HAILUCENT ISDA, a vegetable-derived polymer (suitable for ECOCERT products)

Preservative-free thanks to DIOL PD, high purity PENTYLENE GLYCOL and HAISUGARCANE BG, only vegetable Butylene Glycol

Key points

- 72.10% of the ingredients are of natural origin

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**PROTECTIVE DAY CREAM SPF 15**

**LAB CODE: SBA-016/3**

*Ultra light, this smooth emulsion protects your skin through the day, leaving it radiant and ideally moisturized. Its sorbet texture easily melts onto the skin, leaving an invisible film which is perfect to receive make-up.*

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TRIOL VE (1)</td>
<td>GLYCERIN</td>
<td>3.00</td>
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<tr>
<td>2</td>
<td>DIOL PD (1)</td>
<td>PENTYLENE GLYCOL</td>
<td>3.00</td>
</tr>
<tr>
<td>3</td>
<td>CARBOPOL ULTRZ 21 (3)</td>
<td>ACRYLATES/C10-30 ALKYL ACRYLATE CROSS POLYMER</td>
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<tr>
<td>4</td>
<td>WATER</td>
<td>WATER</td>
<td>QSP 100.00</td>
</tr>
<tr>
<td>5</td>
<td>TCG-M (1)</td>
<td>CAPRYLIC/CAPRIC TRIGLYCERIDE</td>
<td>3.00</td>
</tr>
<tr>
<td>6</td>
<td>HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOSEARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>2.00</td>
</tr>
<tr>
<td>7</td>
<td>KAK 139 (1)</td>
<td>ISOTRIDE CYL ISONONANOATE</td>
<td>2.00</td>
</tr>
<tr>
<td>8</td>
<td>RISOCAST IOHS (1)</td>
<td>ETHYLHEXYL HYDROXOSTEARATE</td>
<td>2.50</td>
</tr>
<tr>
<td>9</td>
<td>TOG (1)</td>
<td>TRIETHY HEXANOIN</td>
<td>2.00</td>
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<tr>
<td>10</td>
<td>EUSOLEX 2292 (2)</td>
<td>ETHYLHEXYL METHOXICINNAMATE</td>
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<tr>
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<td>EUSOLEX 9020 (2)</td>
<td>BUTYL METHoxy XIBENZOYLMETHANE</td>
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<td>OCTOCRYLENE</td>
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<td>13</td>
<td>TEGO CARE CG 90 (4)</td>
<td>CETEARYL GLUCOSIDE</td>
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<tr>
<td>14</td>
<td>CETOSTEARYL ALCOHOL (1)</td>
<td>CETEARYL ALCOHOL</td>
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</tr>
<tr>
<td>15</td>
<td>SODIUM HYDROXIDE</td>
<td>SODIUM HYDROXIDE</td>
<td>0.26</td>
</tr>
</tbody>
</table>

*(1) KOKYU ALCOHOL KOGYO, (2) MERCK, (3) GATTEFOSSE/LUBRIZOL CORPORATION, (4) EVONIK*
# Smooth Moisturizing Cream

**Lab Code:** MSC294

*Good moisture, light feeling but great pleasure for this easy to use emulsion dedicated to all skin types.*

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TRIOL VE (1)</td>
<td>GLYCERIN</td>
<td>2.00</td>
</tr>
<tr>
<td>2</td>
<td>WATER</td>
<td>WATER</td>
<td>QSP 100.00</td>
</tr>
<tr>
<td>3</td>
<td>KELTROL T (2)</td>
<td>XANTHAN GUM</td>
<td>0.08</td>
</tr>
<tr>
<td>4</td>
<td>ARISTOFLEX AVC (3)</td>
<td>AMMONIUM ACRYLOYLDIMETHYLTAURATE/VP COPOLYMER</td>
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<tr>
<td>5</td>
<td>OLIVE SQUALANE (1)</td>
<td>SQUALANE</td>
<td>8.00</td>
</tr>
<tr>
<td>6</td>
<td>ICIS (1)</td>
<td>ISOCETYL ISOSTEARATE</td>
<td>2.00</td>
</tr>
<tr>
<td>7</td>
<td>CETOSTEARYL ALCOHOL (1)</td>
<td>CETEARYL ALCOHOL</td>
<td>2.00</td>
</tr>
<tr>
<td>8</td>
<td>BEHENYL ALCOHOL 65 (1)</td>
<td>BEHENYL ALCOHOL</td>
<td>1.00</td>
</tr>
<tr>
<td>9</td>
<td>DIOL PD (1)</td>
<td>PENTYLENE GLYCOL</td>
<td>3.00</td>
</tr>
<tr>
<td>10</td>
<td>HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOSTEARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>2.00</td>
</tr>
<tr>
<td>11</td>
<td>DECAGLYN 1-SV (4)</td>
<td>POLYGLYCERYL-10 STEARATE</td>
<td>1.50</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) KELCO, (3) CLARIANT, (4) NIHON SURFACTANT KOGYO
PROTECTIVE DAY CREAM SPF 15*
LAB CODE : SBA-016/3

Process
I. Heat water to 60°C and sprinkle 3 over the surface. Wait until completely wetted. Disperse under suitable agitation (rotor/stator 1000 rpm).
II. At RT, add 1+2+13 in phase I and heat to 80°C (rotor/stator 1000 rpm).
III. Heat ingredients 6 to 14 to 80°C. Pour into phase II (rotor/stator 2000rpm).
IV. Cool down to RT and add 11 at 30°C under same agitation.

Characteristics
- Off-white emulsion
- pH 7.40
- Stability In progress
- Viscosity 42 900 mPa.s (RV6, 10 rpm)

Key points
- Deep moisture and elegant film-forming thanks to HAILUCENT ISDA, a vegetable-derived polymer (suitable for ECOCERT products)
- Preservative-free thanks to DIOL PD, high purity PENTYLENE GLYCOL
- Light and non-tacky texture thanks to the combination of high purity esters (RISOCAST IOHS, KAK 139, TOG...).
- 77.04% of the ingredients are of natural origin

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* Not tested
**SMOOTH MOISTURIZING CREAM**

**LAB CODE : MSC294**

**Process**
I. Mix ingredients 1 to 4 and heat to 80°C.
II. Mix ingredients 5 to 11 and heat to 80°C.
III. Pour phase I into phase II (rotor/stator).
IV. Cool down to 50°C while homogenizing.
V. Cool down to RT while gentle mixing.

**Characteristics**
- White cream
- pH : 6.20
- Stability: 6 months at 25°C, 3 months at 45°C, 5 cycles test 5°C/45°C passed

ESTENITY Head Office
Villa Créatis – 2 rue des Mûriers 69009 Lyon – France
Tel : +33 (0)4 26 23 41 30  Fax : +33 (0)4 72 20 08 71
[www.estenity-europe.com](http://www.estenity-europe.com)

KOKYU ALCOHOL KOGYO Head Office & Labs
Taiei Kogyo Danchi 641-6, Kichioka, Narita, Chiba 287-0225, Japan
Tel : +81-476-73-6020  FAX : +81-476-73-6024
E-mail : hai@kak.co.jp  [www.kak.co.jp](http://www.kak.co.jp)

---

Immediate moisture thanks to **TRIOL VE**, a high purity vegetable glycerin (suitable for ECOCERT products)

Intense moisture thanks to **HAILUCENT ISDA**, an Ecocert approved vegetable polymer with proven moisturizing effect

Key points
- Natural moisture, easy spreading without greasy afterfeel thanks to high purity **OLIVE SQUALANE** (suitable for Ecocert products)
- 96.78% of the ingredients are of natural origin

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**LIGHT CLEANSING OIL**  
LAB CODE : COI-38

*For those who prefer a luxurious but light oil to deeply cleanse the skin...*  
*For a sophisticated cleansing moment...*

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 NPDIN (1)</td>
<td>NEOPENTYL GLYCOL DIISONONANOATE</td>
<td>75.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>2 RISOREX PGIS23 (1)</td>
<td>POLYGLYCERYL-2 TRIISOSTEARATE</td>
<td>5.00</td>
<td>Emulsifying agent</td>
</tr>
<tr>
<td>3 EMALEX GWIS330EX (2)</td>
<td>PEG-30 GLYCERYL TRIISOSTEARATE</td>
<td>15.00</td>
<td>Emulsifying agent</td>
</tr>
<tr>
<td>4 EMALEX GWIS210EX (2)</td>
<td>PEG-10 GLYCERYL DIISOSTEARATE</td>
<td>5.00</td>
<td>Emulsifying agent</td>
</tr>
<tr>
<td>5 EMIX D (3)</td>
<td>TOCOPHEROL</td>
<td>QS</td>
<td>Anti Free-Radical</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) NIHON EMULSION Co Ltd, (3) EISAI FOOD & CHEMICAL Co
**COMFORT CLEANSING OIL**

**LAB CODE : COI-39**

Luxurious oil dedicated to deeply cleanse the skin, clear it from all impurities and make-up traces... Lets the skin smooth and supple.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 NPDIN (1)</td>
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<tr>
<td>2 RISOREX PGIS23 (1)</td>
<td>POLYGLYCERYL-2 TRISOSTEARATE</td>
<td>5.00</td>
<td>Emulsifying agent</td>
</tr>
<tr>
<td>3 HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOSTEARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>1.00</td>
<td>Emollient</td>
</tr>
<tr>
<td>4 EMALEX GWIS330EX (2)</td>
<td>PEG-30 GLYCERYL TRISOSTEARATE</td>
<td>15.00</td>
<td>Emulsifying agent</td>
</tr>
<tr>
<td>5 EMALEX GWIS210EX (2)</td>
<td>PEG-10 GLYCERYL DIISOSTEARATE</td>
<td>5.00</td>
<td>Emulsifying agent</td>
</tr>
<tr>
<td>6 EMIX D (3)</td>
<td>TOCOPHEROL</td>
<td>QS</td>
<td>Anti Free-Radical</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) NIHON EMULSION Co Ltd, (3) EISAI FOOD & CHEMICAL Co
**Light Cleansing Oil**

**Lab Code:** COI-38

**Process**
1. Mix ingredients 1 to 5 and heat to 50°C.
2. Mix until uniform.
3. Cool down to RT.

**Characteristics**
- Clear Oil
- Stability: 3 months at 25°C, 3 months at 45°C, 5 cycles test 5°C/45°C passed

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**COMFORT CLEANSING OIL**
LAB CODE : COI-39

**Process**
1. Mix ingredients 1 to 6 and heat to 50°C.
2. Mix until uniform.
3. Cool down to RT.

**Characteristics**
- Clear Oil
- Stability: 3 months at 25°C, 3 months at 45°C, 5 cycles test 5°C/45°C passed

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**Key points**
- High smoothness and superior cleansing power thanks to **NPDIN**, high purity ester with key characteristics
- Very good resistance to oxidation thanks to **NPDIN**, can improve products shelf life.
- Intense moisture thanks to **HAILUCENT ISDA**, a vegetable-derived polymer (suitable for ECOCERT products)
- Additional data and test results available on request

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ESTENITY Head Office
Villa Créatis – 2 rue des Mûriers 69009 Lyon – France
Tel : +33 (0)4 26 23 41 30  Fax : +33 (0)4 72 20 08 71
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KOKYU ALCOHOL KOGYO Head Office & Labs
Taiei Kogyo Danchi 641-6, Kichioka, Narita, Chiba 287-0225, Japan
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E-mail : hai@kak.co.jp  [www.kak.co.jp](http://www.kak.co.jp)
**HAIR DESIGNER**  
**LAB CODE : HD-015**

Specific emulsion dedicated to hair styling. Provides hard to manage and rebellious hair with high smoothness and detangling effect. More? Also brings anti-frizz action, curl retention and light gloss!

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOESTARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>4.50</td>
</tr>
<tr>
<td>2</td>
<td>RISOCAST IOHS (1)</td>
<td>ETHYLHEXYL HYDROXYSTEARATE</td>
<td>5.00</td>
</tr>
<tr>
<td>3</td>
<td>HAIMALATE PAM (1)</td>
<td>DIISOSTEARYL MALATE &amp; BIS-DIOCTADECYLAMIDE DIMER DILINOLEIC ACID/ETHYLENEAMINE COPOLYMER</td>
<td>10.00</td>
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<tr>
<td>4</td>
<td>BEHENYL ALCOHOL 65 (1)</td>
<td>BEHENYL ALCOHOL</td>
<td>2.50</td>
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<tr>
<td>5</td>
<td>DIOL PD (1)</td>
<td>PENTYLENE GLYCOL</td>
<td>3.00</td>
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<td>DODECYL HEXADECANOL</td>
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<tr>
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<td>POEM V-100 (2)</td>
<td>GLYCERYL STEARATE</td>
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<td>S-FACE IS 1001P (3)</td>
<td>POLYGLYCERYL-10 ISOESTARATE</td>
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<td>TSF-451-100A (4)</td>
<td>DIMETHICONE</td>
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<tr>
<td>10</td>
<td>WATER</td>
<td>WATER</td>
<td>Qsp 100.00</td>
</tr>
<tr>
<td>11</td>
<td>CARBOPOL ETD 2050 (5)</td>
<td>CARBOMER</td>
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<tr>
<td>12</td>
<td>POTASSIUM HYDROXIDE</td>
<td>POTASSIUM DIOXIDE</td>
<td>0.16</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) RIKEN VITAMIN, (3) SAKAMOTO YAKUHIN KOGYO Co, (4) MOMENTIVE, (5) NOVEON
HAIR OIL

LAB CODE : HO-1-15

Experiment the best of oil hair treatment with our new ester HAILUCENT DPIN6. A few drops of oil deeply increase smoothness and hair manageability!

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>INCI Name</th>
<th>%w/w</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HAILUCENT DPIN6 (1)</td>
<td>DIPENTAERYTHRITYL HEXAISONONANOATE</td>
<td>25.00</td>
</tr>
<tr>
<td>2</td>
<td>ETHANOL</td>
<td>ETHANOL</td>
<td>25.00</td>
</tr>
<tr>
<td>3</td>
<td>MARUKASOL R (2)</td>
<td>ISODODECANE</td>
<td>50.00</td>
</tr>
</tbody>
</table>

(1) KOKYU ALCOHOL KOGYO, (2) MARUZEN PHARMACEUTICALS CO, Ltd
Process
- Mix ingredients 1 to 9 and heat to 80°C.
- Disperse 11 in water and let hydrate. Then heat to 80°C.
- Pour phase I (oil) into phase II (rotor/stator). Add 12.
- Cool down to 50°C while homogenizing.
- Cool down to RT while gentle mixing.

Characteristics
- White bright emulsion
- Ph 5.60
- Stability: 3 months at 45°C passed, 5 cycles test - 5°C/45°C passed.

Key points
- Long lasting curl retention and anti-frizz effect thanks to HAIMALATE PAM, a spectacular oil gelling agent.
- Preservative-free thanks to DIOL PD, high purity Pentylene Glycol.
- Easy to wash and glossy shine thanks to HAILUCENT ISDA, an Ecocert Vegetable-derived polymer.
- Additional data and test results available on request.

The information provided in this document is indicative and is subject to change. It is the responsibility of the user to check the safety, stability, industrial property (patents) and to use each ingredient mentioned in this document in accordance with national legislation. Kokyu Alcohol Kogyo and Estenity cannot be responsible for the availability, supply route, performance or misuse of these ingredients.
HAIR OIL
LAB CODE : ho-1-15

- **Process**
  - Mix all ingredients.

- **Characteristics**
  - Clear oil
  - Stability: 3 months at 45°C passed, 5 cycles test - 5°C/45°C passed.

The perfect smoothing and suppleness thanks to HAILUCENT DPIN 6, a newly developed high purity ester.

Recovery effect (smoothness ...) proved on damaged hair (comparison with Dimethicone, vegetable oils and Diethylhexyl Succinate).

Key points

Multi-purpose oil

Additional data and test results available on request.

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**LIP GLOSS PURE RED**

**LAB CODE: lg366-cr**

*Pure liquid shine and very comfortable film thanks to the combination of esters and polymers.*

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<tbody>
<tr>
<td>1</td>
<td>HAILUCENT ISDA (1)</td>
<td>POLYGLYCERYL-2 ISOSTEARATE/DIMER DILINOLEATE COPOLYMER</td>
<td>39.99</td>
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<td>2</td>
<td>HAIMALATE DIS (1)</td>
<td>DIISOSTEARYL MALATE</td>
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<td>3</td>
<td>RISOREX PGIS22 (1)</td>
<td>POLYGLYCERYL-2 DIISOSTEARATE</td>
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<td>KAK PTI (1)</td>
<td>PENTAERYTHRITYL TETRAISOSTEARATE</td>
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<td>5</td>
<td>RHEOPEARL TT (2)</td>
<td>DEXTRIN PALMITATE/ETHYLHEXANOATE</td>
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<td>6</td>
<td>SILCARE SILICONE 41M65 (3)</td>
<td>STEARYL DIMETHICONE</td>
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<tr>
<td>7</td>
<td>D&amp;C RED N°17</td>
<td>RED 17</td>
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</tr>
<tr>
<td>8</td>
<td>EMIX D (4)</td>
<td>TOCOPHEROL</td>
<td>0.10</td>
</tr>
</tbody>
</table>

(1) **KOKYU ALCOHOL KOGYO** (2) **CHIBA FLOUR MILLING Co, Ltd** (3) **CLARIANT** (4) **EISAI FOOD & CHEMICAL Co, Ltd**
**LIP GLOSS PURE RED**
**LAB CODE: lg366-cr**

- **Process**
  - Charge ingredients 1 to 8 in a suitable vessel and heat to 100°C.
  - Gently mix until the preparation is homogeneous.
  - De-aerate and cool down to RT.

- **Characteristics**
  - Red - Pink liquid
  - Stability: 3 months at 25°C, 3 months at 45°C, 5 cycles test 5°C/25°C/45°C passed

HAILUCENT ISDA, an Ecocert vegetable-derived polymer, offers very high glossy, deep moisture and good adhesion (long hold)

HAILUCENT ISDA has a full compatibility with silicones: more opportunities to formulate!

Key points

- Long hold without bleeding
- More than 64% of the ingredients are of vegetable origin.

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THANK YOU