

WATER-RESISTANT/ SMUDGE-RESISTANT MASCARA WITH K-20W JOJOBA

with Floraesters K-20W[®] Jojoba



This formula produces a long-lasting, water-resistant, smudge-resistant mascara that thickens and lengthens lashes. **Floraesters K-20W Jojoba** contributes to the long-lasting moisture resistance while still allowing easy make-up removal.

| Phase | Trade Name | INCI | Supplier | %WT |
|-------|--|--|-----------------------|--------------|
| A | Carnauba Wax SP 63 | Copernicia Cerifera (Carnauba) Wax | Strahl & Pitsch | 1.00 |
| | Candelilla Wax SP 75 | Euphorbia Cerifera (Candelilla) Wax | Strahl & Pitsch | 5.00 |
| | Beeswax Yellow Refined SP 6 | Beeswax | Strahl & Pitsch | 5.00 |
| | Ozokerite Wax Pastilles White SP 1026P | Ozokerite | Strahl & Pitsch | 2.00 |
| | Triple Pressed Stearic Acid | Stearic Acid | Essential Ingredients | 5.00 |
| | Lanette [®] 16 | Cetyl Alcohol | BASF Corporation | 3.00 |
| | Fluilan | Lanolin Oil | Croda International | 3.00 |
| B | Pur Oxy Black BC (34PC3190E) | Iron Oxides | DyStar | 10.00 |
| C | Potassium Hydroxide (28% Solution) | Potassium Hydroxide (and) Water | Spectrum Chemical | 3.00 |
| D | Deionized Water | Water | ----- | q.s. |
| | Dermacryl [®] 79 | Acrylates/Octylacrylamide Copolymer | Nouryon | 2.50 |
| | Floraesters K-20W Jojoba | Hydrolyzed Jojoba Esters (and) Water (Aqua) | Cargill Beauty | 12.50 |
| | Propylene Glycol USP/EP | Propylene Glycol | Ashland | 3.00 |
| E | Preservative | ----- | ----- | q.s. |

PROCESS

1. Combine all ingredients of Phase A. Heat to 85–88°C with moderate propeller agitation.
2. Shift Phase A to homomixer. Add Phase B to Phase A at 85–88°C with rapid homomixing. Keep homomixing until the Pur Oxy Black BC (34PC3190E) is well-dispersed.
3. Add Phase C to Phase AB at 85–88°C with moderate propeller agitation.
4. Mix the Floraesters K-20W Jojoba with the Propylene Glycol USP/EP of Phase D. Mix with the deionized water of Phase D with moderate propeller agitation. Add the Dermacryl 79 of Phase D to the mixture with moderate propeller agitation and heat to 85–88°C.
5. Add Phase D to Phase ABC with moderate propeller agitation at 85–88°C. Start cooling to 45–50°C.
6. Add Phase E with moderate propeller agitation at 45–50°C.
7. Pour the mixture into containers while still warm.



PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

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