Confidential

NIKKOL GROUP
NIKKO CHEMICALS CO., LTD.
1 - 4 - 8 NIHONBASHI-BAKUROCHO, CHUOKU,
TOKYO, 103 - 0002, JAPAN

Email: international_inquiry@nikkol.co.jp

Formula Name : Glossy Melt Oil Tint
Lot.No.27-AOG-43
(NIKKOL Purephos Alpha: 1.5%)

InCI NAME | TRADE NAME | ROLE/FEATURE | SUPPLIER | wt%
--- | --- | --- | --- | ---
A
Cetyl Phosphate | NIKKOL Purephos Alpha | Emulsifier | NIKKO CHEMICALS | 1.5000
Cetyl Alcohol | | Stabilizer | | 0.2500
Glycerin | | Moisturizer | | 10.0000
Phenoxyethanol | | Antimicrobial agent | | 0.3000

B
Water | | | | 12.0000
Arginine | | Neutralizer | | 0.7500

C
Glycerin | | Moisturizer | | 5.0000
C12-13 Alkyl Glyceryl Hydrolyzed Hyaluronate | Hyalorepair | Moisturizer, Anti-skin roughening | Kewpie | 0.0500
Hydrolyzed Hyaluronic Acid | Hyalo-Oligo | Moisturizer, Anti-aging | Kewpie | 0.0500

D
Squalane | NIKKOL Sugar Squalane | Emollient agent | NIKKO CHEMICALS | 15.7500
Dioleate Malate | NIKKOL DISM | Emollient agent | NIKKO CHEMICALS | 24.0000
Hydrogenated Polyisobutene | PARLEAM V | Emollient agent | NOF | 24.0000
Simmondsia Chinensis (Jojoba) Seed Oil | NIKKOL Jojoba Oil S | Emollient agent | NIKKO CHEMICALS | 3.0000
Gevuina Avellana Seed Oil | NIKKOL Hazel Nut Oil | Emollient agent, Moisturizer | NIKKO CHEMICALS | 1.0000
Pyridoxine Tris-Hexyldecanoate | NIKKOL VB6-IP | Moisturizer | NIKKO CHEMICALS | 1.0000
Stearyl Glucyrrhetinate | STEARYL GLYCURRETINATE | Anti-inflammatory | Maruzen Pharmaceuticals | 0.1000
Iron Oxides,Dioleate Malate,Isopropyl Titanium Trisostearate | Lipi Red 70ER | Inorganic pigment | NIKKO CHEMICALS | 0.1000
Titanium Dioxide,Dioleate Malate,Isopropyl Titanium Trisostearate | Lipi White 60U | Inorganic pigment | NIKKO CHEMICALS | 0.1000
Synthetic Wax,Red 30, CI 73360,Isopropyl Synthetic Wax | SW30R30A | Organic synthetic dye | KOBO Products | 0.3000
Red 28, CI 45410 | (40% dispersion in NIKKOL DISM) | Organic synthetic dye | | 0.7500

Total | | | | 100.0000

Procedure
1. Heat A, B and D at 70-80°C with stirring until dissolve/disperse uniformly.
2. Mix C until uniform.
3. Add B to A while stirring with disperser mixer (1400rpm), and mix well until uniform at 70-80°C.
4. Add C to A+B while stirring with disperser mixer (1400rpm), and mix well until uniform at 70-80°C.
5. Add D to A+B+C gradually (e.g. add D in 8 additions) while stirring with disperser mixer, and stir well with disperser mixer at 70-80°C. (e.g.: 2000-2500rpm, 5min/addition, 1KG scale)
6. After all D is added, stir it for a while with disperser mixer to achieve appropriate viscosity.
7. Cool down to 50 ℃ with stirring, and then remove air bubbles with vacuum pump.
8. Fill into container.

Physical Properties | Stability
--- | ---
| | · RT, 45°C, 5°C : Confirmed for 3 month
| | · 50°C, -5°C, Cycle(-5⇔45°C) : Confirmed for 1 month

We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked under certain conditions.

We do not guarantee the preservation property of this formulation as we do have not checked it.

We do not guarantee that this formulation does not conflict with any patent.

It is users’ responsibility to determine the suitability for their own use of the formulation.