

**Formula Name : Glossy Melt Oil Tint**

Lot.No.27-AOG-43

(NIKKOL Purephos Alpha: 1.5%)

<https://www.chemical-navi.com/>

INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
<b>A</b>				
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>B</b>				
Water				12.0000
Arginine		Neutralizer		0.7500
<b>C</b>				
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
<b>D</b>				
Squalane	NIKKOL Sugar Squalane	Emollient agent	NIKKO CHEMICALS	15.7500
Diisostearyl 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 Glycyrhretinate	STEARYL GLYCYRRHETINATE	Anti-inflammatory	Maruzen Pharmaceuticals	0.1000
Iron Oxides,Diisostearyl Malate,Isopropyl Titanium Triisostearate	Lipsi Red 70ER	Inorganic pigment	NIKKO CHEMICALS	0.1000
Titanium Dioxide,Diisostearyl Malate,Isopropyl Titanium Triisostearate	Lipsi White 60U	Inorganic pigment	NIKKO CHEMICALS	0.1000
Synthetic Wax,Red 30, CI 73360,Isopropyl Titanium Triisostearate	SW30R30A	Organic synthetic dye	KOBO Products	0.3000
Red 28, CI 45410,Diisostearyl Malate	(40% dispersion in NIKKOL DISM)	Organic synthetic dye		0.7500
			Total	100.0000
<b>Procedure</b>				
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 °C with stirring, and then remove air bubbles with vacuum pump.				
8. Fill into container.				
<b>Physical Properties</b>			<b>Stability</b>	
			<ul style="list-style-type: none"> <li>• RT, 45°C, 5°C : Confirmed for 3 month</li> <li>• 50°C, -5°C, Cycle(-5⇄45°C) : Confirmed for 1 month</li> </ul>	

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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.