

**Formula Name : VC-20 Age Spot Corrector**

Lot.No.27-VTP-11

(NIKKOL VC-IPVS: 20%)


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

| INCI NAME   | TRADE NAME            | ROLE/FEATURE                 | SUPPLIER   | wt%      |
|---|-----------------------|------------------------------|--|----------|
| <b>A</b>  |                       |                              |  |          |
| Glycerin  |                       | Moisturizer                  |  | 4.0000   |
| Propanediol   |                       | Moisturizer                  |  | 6.0000   |
| Xanthan Gum, Water  | (2% aq.)              | Thickener                    |  | 4.0000   |
| Water, Acrylates/C10-30 Alkyl Acrylate Crosspolymer   | PEMULEN TR-1 (2% aq.) | Thickener, Emulsifier        | Lubrizol   | 8.0000   |
| Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Water   | PEMULEN TR-2 (2% aq.) | Thickener, Emulsifier        | Lubrizol   | 5.0000   |
| Succinic Acid   |                       | pH adjuster, Chelating agent |  | 0.0500   |
| Phenoxyethanol  |                       | Antimicrobial agent          |  | 0.4000   |
| Water   |                       |                              |  | 39.3630  |
| <b>B</b>  |                       |                              |  |          |
| Arginine  |                       | Neutralizer                  |  | 0.0870   |
| Water   |                       |                              |  | 2.0000   |
| <b>C</b>  |                       |                              |  |          |
| Ascorbyl Tetraisopalmitate  | NIKKOL VC-IPVS        | Anti-aging, Brightening      | NIKKO CHEMICALS                                      | 20.0000  |
| Caprylic/Capric Triglyceride  | NIKKOL Triester F-810 | Emollient agent              | NIKKO CHEMICALS                                      | 10.0000  |
| Elaeis Oleifera Fruit Oil   |                       | Color agent                  |  | 0.5000   |
| Polyglyceryl-6 Polyricinoleate  | NIKKOL Hexaglyn PR-15 | Emulsifier                   | NIKKO CHEMICALS                                      | 0.5000   |
| Tocopherol  |                       | Antioxidant                  |  | 0.1000   |
|   |                       |                              | Total  | 100.0000 |
| <b>Procedure</b>  |                       |                              |  |          |
| 1. Mix A, B and C separately until uniform.   |                       |                              |  |          |
| 2. Add B into A and mix until uniform.  |                       |                              |  |          |
| 3. While stirring A+B by homogenizer, add C into A+B gradually and emulsify for a certain period of time. |                       |                              |  |          |
| <b>Physical Properties</b>  |                       |                              | <b>Stability</b>                                     |          |
| Initial viscosity (B type Viscometer, No.3 6rpm, 30sec.): 6290 mPa · s                                    |                       |                              | · RT, 45°C, 5°C: Confirmed for 2 months              |          |
| pH (bulk): 4.3  |                       |                              | · 50°C, -5°C, Cycle (-5⇔45°C): Confirmed for 1 month |          |

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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 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.