

MILD EMULSION FOR SKIN FACE [ST-03]

FACE TREATMENT

FORMULATION ZON





Designed with the thought about you MILD EMULSION FOR SKIN FACE [ST-03]

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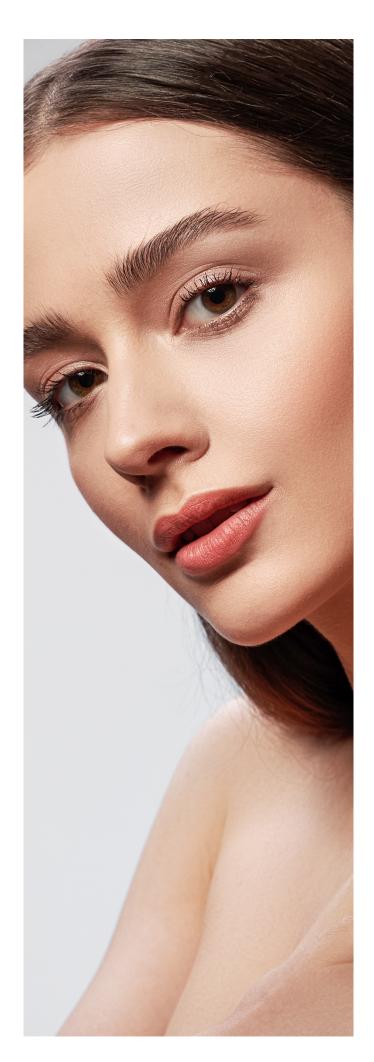
| PHASE | INCI NAME | BRAND NAME | CONCENTRATION [%] | FUNCTION |
|-------|---|-------------|-------------------|-----------------------|
| Α | Paraffinum Liquidum | | 1,5 | emollient |
| | Butyrospermum Parkii (Shea Butter) | | 0,5 | emollient |
| | Caprylic/Capric Triglyceride | | 1,0 | emollient |
| | Glyceryl Stearate, PEG- 100 Stearate | | 3,0 | emulsifier |
| | Cetearyl alcohol | | 2,5 | co-emulsifier |
| В | Aqua | | 25,3 | solvent |
| С | Xanthan Gum | | 0,4 | viscosity modifier |
| | Glycerin | | 1,3 | moisturising agent |
| | Aqua | | 50,2 | solvent |
| D | Citric acid | | 0,1 | pH modifier |
| | Sodium Lauroyl Glycinate | ROKAtend GL | 5,0 | surfactant |
| | Sodium Lauroyl Sarcosinate | ROKAtend LS | 7,7 | surfactant |
| | Parfum | | 0,5 | fragrance |
| | Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben | | 1,0 | preservative |



| рН | | 6.5 - 7.5 |
|----------------|---|----------------|
| Apperance | visual method | white emulsion |
| Viscosity [cP] | Brookfield LV, spindle 34, speed 6.0 RPM, T: 25°C | 5000 - 10000 |
| Stablility | 1 month at 5°C, RT, 40°C | confirmed |

Procedure:

- 1. In a main vessel heat all ingredients to 75-80°C and do the same with phase B.
- 2. Pour the hot water form phase B into phase A, mix well (avoid cooling) and homogenise for 5 minutes. Then, start cooling the formulation and repeat homogenization at 60°C. Do the same at 40°C.
- 3. At the same time, prepare phase C by mixing Xanthan Gum, Glycerin and warm water (50°C). To obtain homogenous solution, homogenize for 1 min.
- 4. Combine ingredients from the phase D and mix until uniform. If necessary, add Citric Acid.
- 5. Add phase D and B to main vessel (phase A) and mix for 5 min, then homogonise for 1 min.





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