



After Sun Opuntia Gel (SLI-068)

Hydrogil Opuntia is an organic certified active ingredient derived from the cold-pressing of Opuntia Ficus Indica (prickly pear) cladodes. It has a soothing, hydrating, and emollient effect on the skin. For irritated or reddened skin, it provides rapid relief from symptoms and improves skin hydration and care.

| Phase | Ingredient | INCI | % w/w | Function |
|-------|---|--|-------|-------------------|
| A | Water demin. | AQUA | QS | |
| | Hydrogil Opuntia (GILAS SRL) | OPUNTIA FICUS-INDICA STEM EXTRACT | 30.00 | Active |
| | PuraBeet® Betaine Anhydrous (AGRANA Stärke) | BETAINE | 3.00 | Humectant |
| | INAGEL GREEN (IK INABATA) | GLUCOMANNAN, CAPRYLIC/CAPRIC TRIGLYCERIDE, POLYGLYCERYL-4 LAURATE, XANTHAN GUM | 1.20 | Rheology Modifier |
| B | MONTANOV™ 202 | ARACHIDYL ALCOHOL, BEHENYL ALCOHOL, ARACHIDYL GLUCOSIDE | 3.00 | Emulsifier |
| | Gilsolide® CN (GILAS SRL) | C13-14 ALKANE, POLYGLYCERYL-4 OLEATE, GLYCERYL OLIVATE | 3.00 | Emollient |
| | Nat Deodorized Apple Seed Oil (NATUROCHIM S.A.S.) | PYRUS MALUS SEED OIL | 2.00 | Emollient |
| C | BOTANIPLEX™ BALANCE SA (Green Mountain Biotech) | GLYCERIN, AQUA, SANGUISORBA OFFICINALIS ROOT EXTRACT, AILANTHUS ALTISSIMA BARK EXTRACT | 2.00 | Active |
| | Parfümöl WILD REFLECTION (Frey + Lau GmbH) | PARFUM | 0.50 | Perfume |
| | Preservative | PHENOXYETHANOL | 0.80 | Preservative |



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Specification:

Procedure:

Appearance: Yellowish gel

pH-value: 5.50 – 6.00

Viscosity: approx. 10000 mPas
(IKA Rotavisc me-vi, SP9,
5rpm, 20°C)

Stability: Stable for 3 months at 4°C,
20°C, 40°C, 1 month at 45°C

- I. Mix the components of phase A while stirring for 20 min and heat up to 80°C.
- II. Mix the components of phase B while stirring and heat up to 80°C.
- III. Add phase B to phase A and homogenize for 5 – 10 minutes.
- IV. Cool down to 35°C and add phase C.

Raw Material Insights

PuraBeet® Betaine

- Derived naturally, delivers outstanding moisturizing effects and strengthens the skin's barrier

BOTANIPLEX™ BALANCE SA

- Synergistic blend of plant extracts that help to restore a healthy balance to skin, and/or scalp, that is damaged, irritated and imbalanced.

INAGEL GREEN

- Natural texturizing agent based on a polymer extracted from Konjac, a superfood Japanese ingredient.

Gilsolide® CN

- Highly dry and spreading emollient oil, manufactured from vegetable-derived raw materials.

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