

## HYDRATING SUN MILK

**ID-number**  
pH-value  
appearance

**SUN/MVL 071**  
approx. 6.5  
white emulsion

| Phase | Substance           | INCI Name EU  | Pos. | % [w/w] |
|-------|---------------------|---|------|---------|
| A     | Water demin         | Aqua  | 1    | 68.50   |
|       | Glycerin            | Glycerin  | 1    | 3.00    |
|       | Tinosorb M          | Methylene bis-Benzotriazolyl  | 2    | 5.00    |
|       |                     | Tetramethylbutylphenol, Aqua, Decyl Glucoside, Propylene Glycol, Xanthan Gum                        |      |         |
| B     | Carbopol Ultrez-10  | Carbomer  | 3    | 0.25    |
| C     | Amphisol K          | Potassium Cetyl Phospate  | 4    | 1.50    |
|       | Cetiol SN           | Cetearyl Isononanoate   | 5    | 6.00    |
|       | Eldew SL-205        | Isopropyl Lauroyl Sarcosinate   | 6    | 2.00    |
|       | Neo Heliopan AV     | Ethylhexyl Methoxycinnamate   | 7    | 7.50    |
|       | Tinosorb S          | Bis-Ethylhexyloxyphenol   | 2    | 0.70    |
|       |                     | Methoxyphenyl Triazine  |      |         |
|       | Keltrol CG-SFT      | Xanthan Gum   | 8    | 0.25    |
|       | Sisterna SP70-C     | Sucrose Stearate  | 9    | 0.50    |
|       | Euxyl PE 9010       | Phenoxyethanol, Ethylhexylglycerin  | 10   | 1.00    |
|       |                     |   |      |         |
| D     | NaOH solution 10%   | Sodium Hydroxide, Aqua  | 1    | 0.80    |
| E     | CellActive® - HYDRO | Glycerin, Aqua, Pyrus Malus Fruit Extract, Pectin, Chlorella Vulgaris/Lupinus Albus Protein Ferment | 11   | 2.00    |
| F     | RADICARE®           | Aqua, Melissa Officinalis Leaf Extract, Disodium Rutinyl Disulfate, Hordeum Distichon Extract       | 11   | 1.00    |

### Production

Prepare A  
Add B whilst stirring, heat to 75°C  
Mix C until the phase is homogenous, heat to 75°C  
Add C to A/B, homogenize shortly  
Add D, homogenize until homogenous  
Cool down to 40°C whilst stirring  
Add the remaining ingredients separately to the emulsion  
Homogenize again, cool down to 25°C whilst stirring

### Pos. Manufacturer

1 Several  
2 Ciba, Switzerland  
3 Lubrizol, USA  
4 DSM, Netherland  
5 Cognis, Germany  
6 Ajinomoto, Japan  
7 Symrise, Germany  
8 CP Kelco, USA  
9 Sisterna B.V., Netherland  
10 Schülke & Mayr, Germany  
11 RAHN AG, Switzerland

**Ciba Sunscreen Simulator:** SPF 33, Australian Standard: yes

### **Disclaimer:**

The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee. It shows a formula thought as a support by developing with our raw materials.