Operating instructions

- Disperse Carbopol® Ultrace 30 under mixing during 10 minutes, then add glycerin and Carbopol® Aqua SF1-OS.
- Heat A1 to 75 °C and add A3 to neutralize.
- Then add A4.
- Heat B to 78-80 °C until complete solubilization.
- Introduce B slowly into A under mixing (1500 rpm) and maintain for 15 minutes.
- Cool under mixing (1200-1500 rpm) during 30 minutes and then moderate mixing (800-900 rpm) until 35 °C.
- At 35 °C add C and then D under mixing (1200 rpm) for 1-2 minutes to homogenize.
- Add E and mix à 1200 rpm for 2 minutes.
- Add F and G, mix at 1500 rpm for 3 minutes.
- Add H and mix at 1200 rpm for 5-7 minutes.
- Cool to 25 °C under mixing 800-900 rpm.

This formula is presented in good faith, however, no warranty as to the accuracy or completeness of results, or fitness for a particular use is given, nor is freedom from the infringement of any intellectual/industrial property rights to be inferred. It is provided “as is” for your consideration, investigation and verification. To the extent permissible by applicable law, Gattefossé shall in no way be liable for any reliance upon information or materials provided.
Ingredients

- **Emulfree® CBG** at 5% creates a light and fresh texture with a quick-break effect; it is a PEG-free and surfactant free system which allows the formation of a “bi-gel”, an intimate blend between an oil and a gelled aqueous phase.

- **Acticire® MB** at 1% improves the sensorial properties of the formulation by decreasing the tacky and greasy afterfeel.

- **Gatuline® Radiance** at 3% stimulates skin’s microcirculation to enhance the complexion glow.

- Parsol® 1789 is a UVA filter and Parsol® HMS, Parsol® EHS, Parsol® 340 and Parsol® MCX are UVB filters allowing an SPF 20 worldwide.

- Eusolex® 4360 is a broadspectrum UV filter.

- Carbopol® Ultrez 30 and Carbopol® Aqua SF-1 OS are gelling agents to help stabilize the formulation.

- Nylon-12 a feeling agent creating a soft touch.

Specifications

- **Aspect:** Light orange gel cream
- **pH** = 6.3 ± 0.5
- **Viscosity Brookfield RV (spindle A, speed 5):** approx. 20 000 mPa.s after 24h
- **SPF in vivo** (ISO 24 444) <22 (5 subjects)
- **UVA in vitro** (ISO 24 443) : 10
- **Photostability = 80%**
- **Critical wavelength (ISO 24 443) = 376 nm**
- **UVA / PA+++**

Description

Developed for worldwide users, this protective day cream is formulated using the bi-gel technology for a moisturizing and naturally sweat proof sunscreen. Containing Gatuline® Radiance, this cream stimulates the skin’s microcirculation for a bright and dewy complexion.