

CARING CLEANSING LOTION

with BotaniButter™, Floramac® 10, Florasun® 90, Actigum™ CS 11 QD and StarDesign™ Power



'Easy does it' gets the job done, with Caring Cleansing Lotion containing **BotaniButter™** and **StarDesign™ Power** to enhance cleansing action while providing rich texture and efficient rinse-ability. This gentle cleansing lotion removes make-up, including lipstick and liquid lipstick, without the addition of typical surfactants that can cause skin barrier disruption. Together with other key Cargill ingredients, Caring Cleansing Lotion is an excellent choice for sensitive skin!

| Phase | Trade Name | INCI | Supplier | %WT |
|-------|-----------------------------------|--|--------------------|--------------|
| A | Deionized water | Aqua | --- | 56.90 |
| | Actigum™ CS 11 QD | Sclerotium Gum | Cargill | 0.40 |
| | Glycerin, USP | Glycerin | Cargill | 3.00 |
| | Zemea® Propanediol | Propanediol | Dupont Tate & Lyle | 2.00 |
| B | BotaniButter™ | Behenyl/Oleyl Behenate/Oleate Esters | Cargill | 18.00 |
| | Floramac® 10 | Ethyl Macadamiate | Cargill | 12.00 |
| | Florasun® 90 | Helianthus Annuus (Sunflower) Seed Oil | Cargill | 2.00 |
| | D-Alpha-Tocopheryl Acetate | Tocopherol Acetate | Cargill | 0.10 |
| | StarDesign™ Power | Sodium Starch Octenylsuccinate (and) Hydroxypropyl Starch Phosphate | Cargill | 4.00 |
| C | Olivem® 1000 | Cetearyl Oliviate (and) Sorbitan Oliviate | Hallstar | 0.50 |
| | Dissolvine® GL-47-S | Tetrasodium Glutamate Diacetate | Nouryon | 0.10 |
| | Euxyl® PE 9010 | Phenoxyethanol (and) Ethylhexylglycerin | Schülke Inc. | 1.00 |
| D | Citric Acid (10% solution) | Citric Acid (and) Aqua | --- | 0.36 |

CHARACTERISTICS

- **pH:** 5.0 - 6.0
- **Viscosity:** 57k – 112k cP Brookfield Digital Viscometer Model RVDV-E at RT, T-C, Spindle S93, 2.0rpm
- **Appearance:** white milky lotion
- **Stability:** passed 2 weeks at 50°C, 2 months stability at RT & 4 and 45°C, 3 cycles in F/T and H/C

PROCESS

1. Add ingredients of Phase A in main vessel with slow homogenization agitation at room temperature.
2. Begin heating to 70-75°C.
3. Slowly speed up the homogenization to activate Actigum CS11 once temperature reaches 70-75°C.
4. Mix ingredients of Phase B except StarDesign Power in a separate vessel at 70-75°C.
5. Add StarDesign Power once Phase B is melted and uniform.
6. Add Phase B to Phase A with rapid homogenization agitation at 70-75°C.
7. Once uniform, shift the batch to propeller mixing with medium - rapid agitation. Begin cooling to 50-55°C.
8. Slow propeller speed to slow - medium agitation at 60°C.
9. Add Phase C at 45-50°C with brief rapid propeller agitation.
10. Add Phase D at 45-50°C with brief rapid propeller agitation.
11. Stop mixing at 40-45°C.



PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force. Formula C042. Revision date: 11/2023

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