

Zemea®* the Natural Choice...
Purity and Renewable Performance



Zemea®
renewably sourced™ propanediol

Ecocert™ Compliant Natural Facial Cleanser

| Phase | Ingredients | INCI Designation | Wt % |
|-------|---|---|-----------------------|
| A | Water Zemea® Propanediol | Water (Aqua) Propanediol | 51.96 3.00 |
| B | Surfacare AGS Cetiol LDO Lamesoft TM Benz | Coco Glucoside and Sodium Coco-Sulfate Dicaprylyl Ether and Lauryl Alcohol Glycol Distearate and Coco Glucoside and Glyceryl Oleate and Glyceryl Stearate | 40.00 0.75 3.00 |
| C | Benzyl Alcohol, NF | Benzyl Alcohol | 0.50 |
| D | Dermofeel PA-3 | Sodium Phytate and Water | 0.25 |
| E | Citric Acid (50% soln.) | Citric Acid | 0.54 |

Total

100

Manufacturing Procedure

Mix PHASE A together
Mix PHASE B together and add to PHASE A
Add PHASE C
Add PHASE D
Adjust pH to 5.0 - 5.5 with PHASE E
(Add sodium chloride as needed for viscosity >4000 cps)

pH: 5.60
Viscosity (cps): 5050

For additional information
or samples, please contact:

DuPont Tate & Lyle Bio Products Customer Service
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