



## Formulation Sheet

### Protease Cream II

ACTS21958

**Description:** High viscosity and high sheer hand cream that rejuvenates skin for a bright look and smooth after-feel. Protease: Increases cell renewal and therefore skin regeneration, improves skin relief, in particular wrinkles.

**Ingredients:** Water, AminoSensyl SC, Zemea® propanediol, PHYTOBIOACTIVE PROTEASE, TEXTURLUX® stabil, Sensiva® PA30, LexFeel® WOW, Emol™ IPP

Phase	Volume	Ingredient	INCI	Supplier	Function
A	41%	Water	Aqua		Solvent
B	8%	AminoSensyl™ SC	Brassica Alcohol (and) Brassicyl Valinate Esylate (and) Brassica Glycerides	Inolex	Emulsifier
C	25%	Zemea® propanediol	Propanediol	DuPont Tate & Lyle	Humectant
C	1%	PHYTOBIOACTIVE PROTEASE	Glucose (and) Subtilisin	Greentech	Active
C	6%	TEXTURLUX® stabil	Hydrolyzed Corn Starch Hydroxyethyl Ether	Tate & Lyle	Polymer
C	1%	Sensiva® PA30	Propanediol (and) Phenethyl alcohol (and) Undecyl alcohol (and) Tocopherol	Schulke	Preservative
D	10%	LexFeel® WOW	Triheptanoin (and) C13-16 Isoparaffin	Inolex	Emollient
D	8%	Emol™ IPP	Isopropyl Palmitate	Essential Ingredients	Emollient

#### Procedure

1. Heat A to 80C
2. Add B to A until uniform
3. Premix C then add to A/B with propeller stirring
4. Premix D then add to A/B/C with propeller stirring until uniform
5. Remove batch from heat, with medium stirring, until 60C
6. Homogenize at 50C

**For additional information or samples:  
DuPont Tate & Lyle Bio Products  
Customer Service**

198 Blair Bend Drive, Loudon, TN 37774  
Tel: +1-866-404-7933 • www.duponttateandlyle.com

Formula provided by:  
ACT Solutions Corp.,  
Newark, Delaware, USA



Copyright © 2021 DuPont Tate & Lyle Bio Products Company, LLC. Zemea® is a registered trademark of DuPont Tate & Lyle Bio Products Company, LLC, for its brand of bio-based propanediol. All rights reserved. This technical product information is presented in good faith and is believed to be accurate and reliable as of the date of publication. DuPont Tate & Lyle Bio Products makes no guarantee or warranty of any kind, expressed or implied, regarding the product or information contained herein. Purchaser assumes all risk and liability in acting on the information provided herein. It is the sole responsibility of the Purchaser to determine whether Zemea® propanediol is appropriate and suitable for the Purchaser's specific use and, as required, to obtain approval by appropriate regulatory authorities for such use. Statements concerning the use of Zemea® propanediol are not to be construed as recommendations, suggestions, or inducements to use it in the infringement of any patent or in violation of any applicable laws or regulations. DuPont Tate & Lyle Bio Products disclaims any liability for infringement of any patent by reason of customer's use of any products or information contained herein in combination with other materials or in any process. (1/2021)