



Formulation sheet

Moisturizing Hand Sanitizer

ACTS25965

Ingredients: Alcohol, Water, Propanediol, Glycerin, Carbomer, Aminomethyl Propanol.

Phase	Ingredient	INCI name	Supplier	Function	Wt.%
A	Ethanol	Alcohol		Antibacterial	69.9%
A	Water	Agua		Solvent	10.0%
B	Zemea[®] propanediol	Propanediol	CovationBio PDO	Humectant, Plasticizer	10.0%
B	Vegetable Glycerin	Carbomer		Humectant	9.0%
B	Carbopol Ultrez 20	Carbomer	Lubrizol	Polymer	1.0%
C	AMP-Ultra PC 2000	Aminomethyl Propanol	Angus	Neutralizer	0.1%
	Total				100.00%

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

Procedure

1. Premix B and add to A with anchor stirrer until uniform.
2. Add C dropwise until clear and thickened using slow mixing.

Distinctives

Super-moisterizing hand sanitizer.

Zemea[®] provides 3-way moisturization while eliminating the stickiness of Glycerin.

Innovative neutralizer approach yields a less tacky after-feel.