

Just a Pleasure Hand Sanitizer

Ref: PS1-287

Biowax Liquid 754 (PEG-8 Dimethicone) is a water soluble silicone which is readily incorporated into this crystal clear sanitizer formulation to provide conditioning properties. Its soft gentle feel makes sanitizing just a pleasure leaving hands fresh and comfortable.

INCI	Trade Name	Supplier	% W/W
Phase A			
D.I. Water			Q.S.
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Ultrez 21	Noveon	0.40
Phase B			
Propylene Glycol	Propylene Glycol		1.00
Glycerin	Glycerin 99.5%	Protameen	3.00
SD Alcohol 40-B	Ethyl Alcohol		63.00
Aminomethyl Propanol	AMP-95	Angus	0.14
PEG-8 Dimethicone	Biowax Liquid 754	Biosil	7.00
FD&C Blue #1	FD&C Blue #1(1% sol)	LCW	0.03
D&C Yellow #6	D&C Yellow #6(1% sol)	LCW	0.04
Fragrance	Cucumber Green Tea S10-50241	Premier	0.50

Procedure: Add water to the main beaker. Add Carbopol Ultrez 21 into water without mixing and let the gum to get totally wet. Start mixing and heating to 60°C. Mix until no lumps. Cool the batch to 40°C. Add ingredients of Phase B one by one with mixing. Adjust the pH with AMP-95.

Parameters: pH 7.25, Viscosity 16560 CPS S#5 @ 10 RPM

Stability: Acceptable 8 weeks stability at 4°C, RT 45°C, and 3 F/T cycles.