

## SOS SOFT CLEAN HANDS

17.177.01 C190

- Claims:**
- A hydroalcoholic gel leaving the hands divinely soft
  - Cushiony texture even with 50% alcohol
  - Anti-drying and irritating effects

PHASE	INGREDIENT	INCI NAME	SUPPLIER	%
A	Deionized Water	Water	-	41.80
	Alcohol Denat.	Alcohol Denat.	Cooper	50.00
	Zemea	Propanediol	IMCD	5.00
B	Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	Lucas Meyer Cosmetics	2.00
C	Exo-H™	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	Lucas Meyer Cosmetics	0.50
	Tazman Pepper™ AF	Glycerin (and) Water (and) Tasmannia Lanceolata Fruit/Leaf Extract	Southern Cross Botanicals*	0.50
D	5573683	Fragrance	IFF	0.20

**Manufacturing Procedure: COLD PROCESS**

1. Mix ingredients of phase A.
2. Add B into A under maximum stirring to deploy the gel.
3. Add C (one by one) and D.
4. Adjust the pH if necessary.

**Formula Specifications:**

Aspect: Translucent gel  
 Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 55 000 - 80 000 mPa.s  
 pH: 6.4 - 6.8  
 Preservative efficacy test: Pass  
 Pilot batch: 50 kg

**Stability tests:** On lab batch up to 3 kg

Up to 1 month at 50°C  
 Up to 3 months at: Room Temperature, 4-8°C and 45°C  
 Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)  
 Centrifugation (3000 rpm, 20 min): Stable  
 Vibrating table (400 rpm, 4h): Stable

\* = A Lucas Meyer Cosmetics company