



**CONTACT** [cosmetics-lab@oqema.com](mailto:cosmetics-lab@oqema.com), OQEMA AG, Application Development Lab – HPC I&I, Otto-Hahn-Strasse 1-3, 50997 Köln-Germany.

## Manual Dishwashing Gel

**CATEGORY:** HAND DISHWASH

### INGREDIENTS

Phase	Ingredient	INCI	Supplier	Weight (%)
A	Deionised Water	Aqua	-	Up to 100
	Glycerin	Glycerin	OQEMA	5,00
	Ziboxan TRH	Xanthan Gum	Deosen	0,40
B	SLES	Sodium Laureth Sulfate	OQEMA	10,00
	Dequest® FS0536N	Phosphonates	Italmatch	0,50
C	CAPB	Cocamidopropyl Betaine	OQEMA	10,00
	Berga Soft CG 50	Coco Glucoside	Berg+Schmidt	5,00
	D-Limonene	D-Limonene	OQEMA	2,00
D	BIOBAN® PH 100	Phenoxyethanol	LANXESS	0,10



## METHOD

---

1. Mix Phase A thoroughly while prehydrating.
2. Mix Phase B thoroughly and slowly add it to Phase A with continuous stirring.
3. Gradually add Phase C and mix gently to blend.
4. Add Phase D to the mixture at low temperature.
5. Adjust pH between 7-8.

## APPEARANCE

---

Transparent gel.

## HIGHLIGHTS

---

Manual Dishwashing Gel cleans effectively while caring for your hands. Sodium Laureth Sulfate (SLES) and CAPB create a rich, foamy lather that removes grease easily. Glycerin keeps skin soft and hydrated. D-Limonene adds a fresh citrus scent and extra cleaning power, while Xanthan Gum gives a smooth texture. Preserved with BIOBAN® PH 100 for safety. Tough on dishes, gentle on hands.

---

### Disclaimer:

*All information and recommendations provided by OQEMA are given in good faith and are provided voluntarily without any legal obligation. This applies to any information provided in the course of developing a frame formulation as well as for any other information/recommendation given throughout the formulation and production process as well as to any kind of manufacturing support. OQEMA shall not be liable with regard to the above-described information/recommendations. This does not apply to liability for intent and/or malice. It is the customer's own responsibility to examine and to ensure that the guideline formulation and/or prototype is/are suitable, stable, safe, and fit for large scale production. OQEMA shall not be liable for any information/recommendation provided, in particular with regard to the creation of the formulation as well as its suitability, stability and safety for large scale production. No kind of guarantee or warranty is given. Please note that any change of a key ingredient in the formulation might affect the quality and stability of the formulation significantly.*