

## Advanced Formulations

#78310

## Hand dish washer - Removing heavy oil &amp; Grease

	Product	INCI	Functionality	% W/W
A	SLES-70	Sodium Laureth Sulfate	Detergency	8.6
	<a href="#">Maiscare® BP 818</a>	Coco Glucoside	Detergency	11.5
	<a href="#">Maiscare® P065</a>	Coco glucosides and Glycerol monooleate	Lipid layer enhancer	1.0
	Perfume		Fragrance	q.s.
	Preservative		Preservative	q.s.
	Water			78.4
B	PEG/PPG-120/10	Trimethylolpropane Trioleate (and) Laureth-2	Thickener	0.5
C	Citric Acid (50%)	Citric Acid	pH adjustment	q.s.
D	Sodium Chloride (25%)	Sodium Chloride	Thickener	q.s.

## Typical Properties:

pH, as is: 5.5

Viscosity, cps (25°C): 3500 (Brookfield RVT, 23°C, spindle 4, 10 rpm)

## Method in the laboratory:

Mix phase A until homogeneous → Add phase B and mix until homogeneous → Adjust the pH value by adding phase C → Adjust the viscosity by adding phase D.