

Shave Gel (surfactant type)

Formulated to be "low-foam" it enables consumers to see where they are shaving. The surfactants have been blended to give the optimum balance between foaming & mildness. **Microslip 519** (PTFE) gives enhanced razor glide The gel is thickened with **Worlée Aqua Thix 150**

Trade Name	INCI Name	Function	%W/W	Supplier
1 WATER	Aqua	Solvent	42.725	
2 FD&C Blue No1	CI 42090	Colour	q.s	
3 WorléeAqua Thix 150	Acrylates copolymer	Rheology Modifier	10	Worlée Via ProTec Ingredia
4 Tween 20	Polysorbate 20	Non-ionic surfactant	1	Croda
5 Microslip 519	PTFE	Shaving Lubricant	0.5	Micro Powders Inc Via ProTec Ingredia
6 Texapon N70 (25% solution)	Sodium Laureth Sulfate	Primary Surfactant	28	BASF
7 Plantacare® 2000 UP	Decyl Glucoside	Secondary Surfactant	10	BASF
8 Comperlan COD	Cocamide DEA	Secondary Surfactant	2	BASF
9 Tego Betain CK KB5	Cocamidopropyl Betaine	Secondary Surfactant	5	Surfachem
10 NaOH (47% Solution)	Sodium Hydroxide	Neutralizer	0.375	
11 Glydant Plus Liquid	DMDM Hydantoin (and) Iodopropynyl Butylcarbamate	Preservative	0.4	Lonza

ProTec Ingredia Ltd

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Website: www.protectingredia.com

Registered in London No. 07517784 VAT No. GB 100 2120 14

Method of Manufacture

Into the main vessel add:

Water	Start the mixer on a slow speed.
FD&C Blue No1	
WorleeAqua Thix 150	Mix until homogenous.
Texapon N70 (25% solution)	Add slowly avoiding aeration. Mix until homogenous.

Into the main vessel add

Sodium Hydroxide	Mix slowly until the product becomes clear and homogeneous.
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Into a suitable sized premix vessel add:

Microslip 519

Polysorbate 20	Mix until homogenous.
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Add the premix vessel to the main vessel, stir slowly until homogenous.

Into the main vessel add:

Decyl Glucoside	Mix until homogenous.
Cocamide DEA	Mix until homogenous.
Cocamidopropyl Betaine	Mix until homogenous.
Glydant Plus Liquid	Mix until homogenous.

Check product specifications

Product Specifications

pH	6.50-7.00
Viscosity	15,000-20,000CPS (LVT Spindle 3, Speed 6, 30 seconds)
Colour	Blue
Appearance	Semi-transparent, fluid gel.

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