

NOVELTY SHOWER GEL

This Shower Gel has excellent foaming and produces a rich lather on the skin. Suspension and thickening are provided by WorléeAqua Thix 100, a high quality acrylic thickener. The decorative effect comes from Unihearts P0-651C which look great in the product but which quickly disappear upon rubbing.

Trade Name	INCI Name	Function	%W/W	Supplier
1 WATER	Aqua	Solvent	41.87	
2 Versene Na2	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3 Organic Glycerine	Glycerin	Humectant	1	ProTec Botanica
4 WorléeAqua Thix 100	Acrylates crosspolymer	Rheology Modifier	8	Worlée Via ProTec Ingredia
5 Texapon N70 (25% solution)	Sodium Laureth Sulfate	Primary Surfactant	40	BASF
6 Florasolv® PEG-16 Macadamia	PEG-16 Macadamia Glycerides	Emollient\ Solubiliser	2	HallStar
7 Perfume AR323842	Parfum	Fragrance	0.3	CPL Aromas
8 Tego Betain CK KB5	Cocamidopropyl Betaine	Secondary Surfactant	5	Surfachem
9 NaOH (47% Solution)	Sodium Hydroxide	Neutralizer	0.375	
10 Glydant Plus Liquid	DMDM Hydantoin (and)Iodopropynyl Butylcarbamate	Preservative	0.4	Lonza
11 Unihearts P0-651C	Mannitol, Cellulose, Acrylates Copolymer, Hydroxypropylcellulose, Caprylic/Capric Triglyceride, Decyl Glucoside, Talc, Hydroxypropyl Methylcellulose, Acrylates/Ammonium Methacrylate Copolymer, Mica, Triethyl Citrate, CI 73360, CI 77891, Polysorbate 20	Decorative effect	1	Induchem Via ProTec Ingredia

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Method of Manufacture

Into the main vessel add:

Water	Start the mixer on a fast speed.
Disodium EDTA	Mix until fully dispersed and no lumps remain.
Glycerin	Mix until dispersed.

Turn down the mixer to a slow speed.

Into the main vessel add:

WorléeAqua Thix 100	Mix until homogenous.
Texapon N70 (25% solution)	Add slowly avoiding aeration. Mix until homogenous.

Into a suitable sized premix vessel add:

Florasolvs® PEG-16 Macadamia	
Perfume	Mix until homogenous.
Cocamidopropyl Betaine	Mix until homogenous.

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

Into the main vessel add:

Sodium Hydroxide	Mix slowly until the product becomes clear and homogeneous.
Glydant Plus Liquid	Mix until homogenous.
Unihearts P0-651C	Mix until homogenous.

Check product specifications

Product Specifications

pH	6.10 -6.50
Viscosity	2,000-8,00CPS (LVT Spindle 3, Speed 10, 30 seconds)
Colour	Colourless
Appearance	Clear Gel with dispersed pink hearts