

**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 R0-652C** 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	<b>Organic Glycerine</b>	<b>Glycerin</b>	<b>Humectant</b>	<b>1</b>	<b>ProTec Botanica</b>
4	<b>WorléeAqua Thix 100</b>	<b>Acrylates crosspolymer</b>	<b>Rheology Modifier</b>	<b>8</b>	<b>Worlée Via ProTec Ingredia</b>
5	Texapon N70 (25% solution)	Sodium Laureth Sulfate	Primary Surfactant	40	BASF
6	<b>RESPLANTA® PGF ALM</b>	<b>Almond oil polyglyceryl-4 esters</b>	<b>Solubiliser</b>	<b>2</b>	<b>Res Pharma Srl Via ProTec Ingredia</b>
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	<b>Unihearts R0-652C</b>	<b>Mannitol, Cellulose, Acrylates Copolymer, Hydroxypropylcellulose, CI 73360, Caprylic/Capric Triglycerides, Decyl Glucoside, Hydroxypropyl Methylcellulose, Acrylates/Ammonium Methacrylate Copolymer, Talc, Mica, Triethyl Citrate, Polysorbate 20, CI 77891</b>	<b>Decorative effect</b>	<b>1</b>	<b>Induchem Via ProTec Ingredia</b>

ProTec Ingredia Ltd

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

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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:

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

### Into a suitable sized premix vessel add:

#### RESPLANTA® PGF ALM

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 R0-652C	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 red hearts

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