

FOAMALICIOUS SHOWER SCRUB

This Exfoliating Shower Scrub has excellent foaming and a rich lather on the skin. The **ECOBEADS™ JADE** are biodegradable, eco-friendly and with a <1000 microns particle size they exfoliate leaving smooth, soft cleansed skin.

| | Trade Name | INCI Name | Function | %W/W | Supplier |
|----|------------------------------|---|------------------------|----------|--------------------------------------|
| 1 | Purified Water | Aqua | Solvent | 41.15 | |
| 2 | Versene Na2 | Disodium EDTA | Chelating Agent | 0.05 | Dow Chemical |
| 3 | Organic Glycerine | Glycerin | Humectant | 1 | ProTec Botanica |
| 4 | Carbopol Aqua SF-1 Polymer | Acrylates Copolymer | Rheology Modifier | 8 | Surfachem |
| 5 | Texapon N70 (25% solution) | Sodium Laureth Sulfate | Primary Surfactant | 40 | BASF |
| 6 | Florasolvs® PEG-10 Sunflower | PEG-10 sunflower 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 (36% Solution) | Sodium Hydroxide | Neutralizer | 1.1 | |
| 10 | Glydant Plus Liquid | DMDM Hydantoin (and)Iodopropynyl Butylcarbamate | Preservative | 0.4 | Lonza |
| 11 | ECOBEADS™ JADE | Stearyl Stearate, Euphorbia Cerifera (Candelilla) Wax, Jojoba Esters, Chromium | Exfoliant | 1 | Floratech Via Protec Ingredia |

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Method of Manufacture

Into the main vessel add:

| | |
|----------------|--|
| Purified 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:

| | |
|----------------------------|---|
| Carbopol Aqua SF-1 Polymer | Mix until homogenous. |
| Texapon N70 (25% solution) | Add slowly avoiding aeration. Mix until homogenous. |

Into a suitable sized premix vessel add:

| | |
|------------------------------|-----------------------|
| Florasolvs® PEG-10 Sunflower | |
| 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. |
| ECOBeads™ JADE | Mix until homogenous. |

Check product specifications

Product Specifications

| | |
|------------|---|
| pH | 6.50 -6.70 |
| Viscosity | 4000-10,00CPS (LVT Spindle 3, Speed 10, 30 seconds) |
| Colour | Colourless |
| Appearance | Clear Gel with green particles |