

# Oxygen Bubble Mask (FP-6)

Bubble masks are self-foaming products which are applied to the face to gently cleanse the skin. Once applied, the mask is left on until a rich lather has formed which is then rinsed away. It is said the bubbles cleanse pores deep down and carry away impurities. **SeraSoft® SW 75** is a water-soluble wax which leaves the skin feeling soft and moisturised.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Aqua (Water)	To 100	-	Vehicle
Xanthan Gum	1.00	XGF FEDCS-PC/Surfachem (CP Kelco)	Thickening/Suspending
Glycerin	2.00	Surfac G995V/Surfachem	Humectant
Sodium Laureth Sulfate (and) Aqua	36.07	Steol CS-230 KE/Surfachem (Stepan)	Anionic Surfactant
Cocamidopropyl Betaine (and) Aqua	8.00	Surfac B4/Surfachem	Amphoteric Surfactant
Sodium Cocoyl Sarcosinate (and) Aqua	5.00	Crodasinic CS30/Croda	Anionic Surfactant
<b>Bis-PEG-18 Methyl Ether Dimethyl Silane</b>	<b>1.00</b>	<b>SeraSoft® SW 75/KCC Beauty</b>	<b>Skin Conditioning/Foam Densifier</b>
Parfum (Fragrance)	0.20	Fresh Care/Expressions Parfumées	Fragrance
Phenoxyethanol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Ethylhexylglycerin	1.00	Euxyl K701/Schülke	Preservative
Magnesium Aspartate (and) Zinc Gluconate (and) Copper Gluconate	0.50	Sepitonic M3/Seppic	Antioxidant
CI 42090	q.s.	Idacos FD&C Blue 1 Powder/Lehvoss (Roha)	Aesthetics
Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Decafluoropentane (and) Aqua	20.00	Phenomulse CE-4/Cornelius (Phoenix Chemicals)	Self-Foaming Agent
PEG-150 Pentaerythrityl Tetrastearate (and) PPG-2 Hydroxyethyl Cocamide (and) Aqua	2.00	Versathix/Croda	Thickener

## Typical Properties

Appearance:	Blue, viscous liquid
Viscosity @ 25°C:	3000 – 5000cP (Brookfield RVT, Sp3, 10rpm)
pH @ 25°C:	5.0 – 6.0

## Method

Add the water to the vessel. Premix the glycerin with the Xanthan Gum and add to the water. The product will thicken once fully dispersed.

Add the surfactants slowly and stir until homogenous, trying not to aerate.

Add the SeraSoft® SW 75 and heat gently (<40°C) to disperse the wax.

Add the fragrance, preservative, Sepitonic and dye.

Add the Phoenomulse slowly and try not to aerate.

Add the Versathix to thicken.

Check pH and viscosity.



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Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has not been tested as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.