



PERFORMANCE INSPIRED INGENUITY

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## **Hydrating Cleanser**

### Creamy Foaming Facial Wash

#### Description:

This foaming face wash features premium benefits provided by sulfate-free Silsurf® Di-T108. Silsurf® Di-T108 enhances foaming character, provides cleansing similar to SLES and lightly conditions the skin. Silteric® NS CAB is a water-soluble mild foaming agent and thickener. SilPlex® J2-2 is a quaternary silicone resulting from the complexing of cationic and anionic components that deposits easily on the skin, allowing for increased conditioning at very low usage levels. Cleanse, hydrate, condition and enjoy a pleasant sensorial all at once!

#### Ingredients:

Phase	Description (supplier)	INCI Name	Weight %
A	D.I. Water	Water	73.02
	Panthenol (ALPS Pharmaceutical Ind. Co. Ltd.)	DL-Panthenol	0.10
	<b>SilPlex® J2-S (Siltech)</b>	Silicone Quaternarium-20	1.00
B	Glycerin	Glycerin	4.00
	Zemea Propanediol (Dupont)	Propanediol	5.00
	<b>Silteric NS CAB (Siltech)</b>	Cocamidoproyl Betaine	5.00
	Iselux LQ-CLR-SB (Innospec)	Sodium Lauroyl Methyl Isethionate	3.50
	<b>Silsurf® Di-T108 (Siltech)</b>	BIS-PEG-8 PEG-8 Dimethicone	7.00
C	NaOH 10% Solution	NaOH 10% Solution	0.38
	Euxyl PE 9010 (Schulke)	Phenoxyethanol and Ethylhexylglycerin	1.00
Total			100.0

#### Procedure:

- 1) Add quaternarium in water under high speed agitation. Mix until 100% solubilized.
- 2) Reduce the agitation speed and add the glycols and surfactants in Phase B.
- 3) Add Phase C to Phase B and adjust pH to 6.0 – 7.0 if needed.

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