



- **Clear blue gel**
- **Soft texture during application and good stabilization with Solagum Tara**


**EU07283 - 1307**

## Formula

A	70% Sorbitol	75.00%
	<b>FURDENTYL</b>	<b>5.00%</b>
	<b>SOLAGUM™ TARA</b>	<b>0.80%</b>
	Silica	10.00%
	<b>AQUAXYL™</b>	<b>3.00%</b>
	Sodium Benzoate	0.10%
	Color blue	0.10%
	Water	Qsp 100
	Lauryl Sulfate	1.25%
	Flavor Mint	1.60%

## Procedure

Heat the sorbitol to 60° C in order to solubilise the FURDENTYL and the SOLAGUM TARA. Mix until clear. Gradually, add the silica whilst stirring. When homogenous and clear, add AQUAXYL, the preservative and the colouring, then cool. Finally, add the lauryl sulfate solution and the flavouring using minimal shear in order to avoid formation of bubbles in the gel.

## Characteristics

Appearance	Clear blue gel
pH	8
Viscosity 1M at RT	
Viscosity 1M at 45° C	
Viscosity recovery at RT (after 1M at 45° C)	
Stability*	1M at RT and 45° C

## Raw materials from SEPPIC

### SOLAGUM™ TARA

#### *Caesalpinia Spinosa Gum*

A powerful thickening natural gum from *Caesalpinia spinosa* endosperm seeds. Synergistic efficiency with synthetic and natural polymers. Ecocert, Cosmos and Natrue approved.

### FURDENTYL™

#### *Calcium glycerophosphate*

An anticaries agent which protects against acid attacks. It reinforces the tooth through mineralisation (calcium and phosphor supplement).

## Other raw materials...

- Sorbitol 70% : **NEOSORB70 (ROQUETTE)**
- Silica: **TIXOSIL 343 (RHONE POULENC)**
- Blue colouring: **FDC blue 1**
- Mint flavouring: **882772 (ROBERTET)**
- Lauryl sulfate: **SIPON LCS98 (HENKEL)**