

## TRANSLUCENT TOOTHPASTE USING NEOSORB® 70/70 B SORBITOL SOLUTION

### FORMULA

	<b>% (by weight)</b>
NEOSORB® 70/70 B sorbitol solution	50.00
Purified water	17.98
Abrasive silica TIXOSIL® 73, Rhodia	14.00
Thickening silica TIXOSIL® 43, Rhodia	10.00
Sodium lauryl sulfate (30 % DS), SIPON® LCSV95, Sidobre Sinnova	4.16
Colouring (1 % aqueous sol.)	1.00
Sodium carboxymethylcellulose, BLANOSE® 7MXF, Aqualon	0.90
Mint flavour	0.80
Sodium monofluorophosphate	0.76
Sodium saccharinate	0.20
Methyl paraben	0.18
Propyl paraben	0.02

### METHOD

- Prepare solution A by dissolving sodium saccharinate and sodium monofluorophosphate in half of the water at 50°C.
- Prepare solution B by dissolving the preservatives in the NEOSORB® 70/70 B sorbitol solution and the rest of water at 80°C. This solution is cooled down to 50°C and the sodium carboxymethylcellulose is dispersed under conditions of vigorous agitation.
- A is added to B. This mixture is allowed to stand for 30 minutes.
- The flavouring and colouring are added and the product is vacuum-mixed for 5 minutes.
- Add half of the silicae and mix for 10 minutes.
- Add the second half of the silicae and mix for another 10 minutes.
- Finally, the sodium lauryl sulfate solution is added, followed by a final 10 minutes of vacuum-mixing.