

Product formulation

OC104LD

LIQUID DENTIFRICE USING NEOSORB[®] 70/70 B SORBITOL SOLUTION

FORMULA

	% (by weight)
NEOSORB [®] 70/70 B sorbitol solution	70.00
Abrasive silica TIXOSIL [®] 73, Rhodia	13.00
Water	8.92
Sodium lauryl sulfate (30 % DS), SIPON [®] LCSV95, Sidobre Sinnova	3.33
Thickening silica TIXOSIL [®] 43, Rhodia	2.50
Mint flavour	0.90
Sodium monofluorophosphate	0.76
Sodium saccharinate	0.20
Colouring agent	0.16
Xanthan gum, RHODICARE [®] D, Rhodia	0.15
Sodium benzoate	0.08

METHOD

- Prepare solution A by dissolving sodium saccharinate, sodium benzoate and sodium monofluorophosphate in water at 50°C.
- Prepare solution B by dispersing xanthan gum in the NEOSORB[®] 70/70 B sorbitol solution under high stirring.
- Add A to B under agitation and mix for 2 minutes.
- Allow to stand for 30 minutes.
- Pour this solution into a vacuum-mixing vessel and vacuum-mix for 5 minutes.
- Add the mint flavour and the colouring and mix under vacuum for 5 minutes.
- Add half of the silicae and mix under vacuum for 10 minutes.
- Add the second half of the silicae and mix under vacuum for 10 minutes.
- Add the sodium lauryl sulfate solution and continue vacuum mixing for 2 minutes.