



BURCO® THIX CB-1000

Thickener/Surfactant for Hypochlorite Solutions

BENEFITS AND FEATURES

- Provides thickening and detergency to formulations containing sodium hypochlorite bleach
- Exhibits pseudoplastic (shear-thinning, non-newtonian) rheology to produce easily sprayed products that cling to vertical surfaces for added contact time
- Useful for making transparent formulations
- Outstanding chlorine and viscosity stability
- The only surfactant required in most bleach-based cleaning formulations
- Provides foaming, detergency and wetting

TYPICAL APPLICATIONS

- Bathroom hard surface cleaners (toilet, tub & tile cleaners, mildew removers)
- Laundry pre-spotters
- Floor and deck cleaners
- Drain openers
- Food and dairy equipment sanitizers

TYPICAL PROPERTIES

Appearance at 25°C	Clear to slightly hazy, viscous light yellow liquid
pH (1% aqueous)	11.75
Specific gravity	1.02
Density, lbs/gallon	8.45
Ionic Character	Anionic

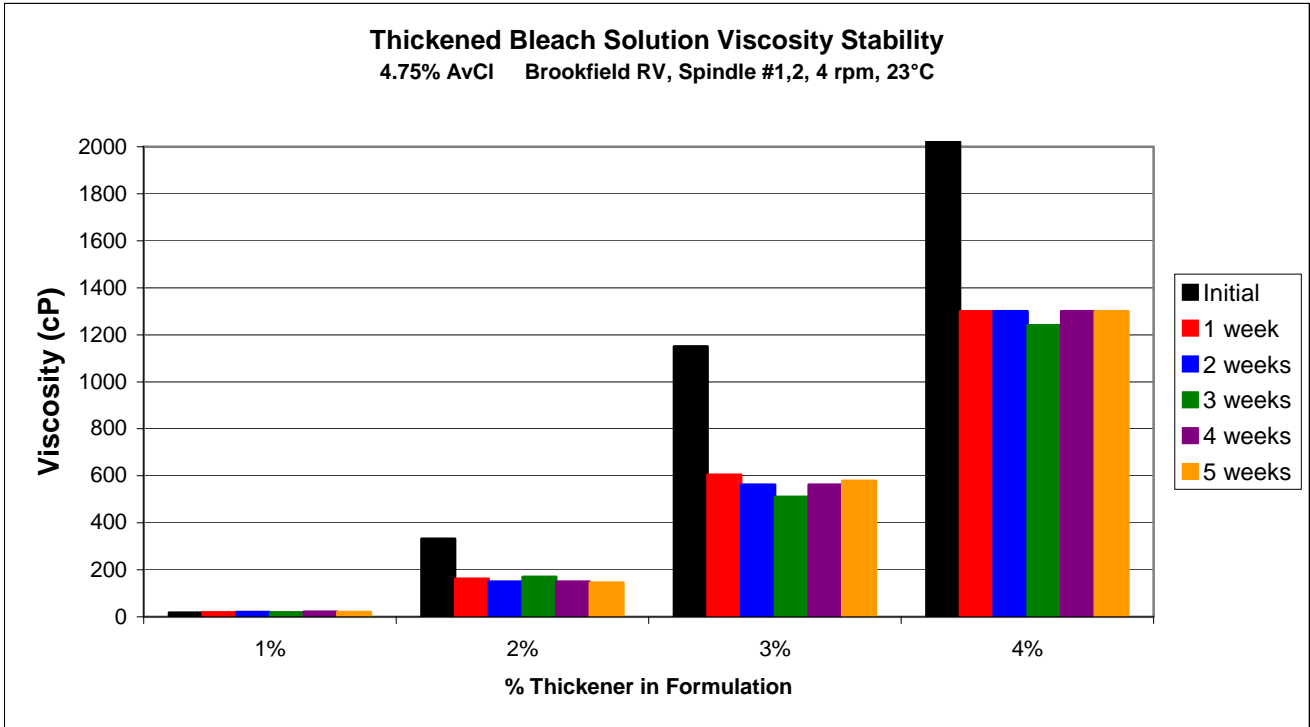
FORMULATION GUIDELINES

Thickened Chlorine Bleach Cleaner

COMPONENT	WEIGHT %
Deionized water	q.s. to 100
N-Silicate	0 - 0.5
Caustic Soda, 50%	0 - 1.0
Burco® Thix CB-1000	1 - 5
Sodium Hypochlorite soln. (to make up to 10% final AvCl ₂ solution)	as desired

Add the N-Silicate and caustic soda (if needed) to deionized water (preferably warm). Add the Burco Thix CB-1000. Mix well without incorporating air into the batch. Add the desired amount of sodium hypochlorite solution. Mix until completely uniform and clear (30 – 60 minutes). Increase speed of agitation as product thickens. No addition of other surfactants is required or desired.

Wt. % Burco Thix CB-1000 (in 4.75% AvCl ₂ formula)	Viscosity, cP (RV, 4 rpm, 23°C)
1	20
2	160
3	600
4	1300



AVAILABILITY

Burco Thix CB-1000 is available in 53-gallon, closed-head, poly drums (440 lbs), in totes, and in bulk.

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MDM

12/09