



# BATHROOM CLEANERS

## Techmine 280

Toilet Bowl Cleaner With Hypochlorite Bleach  
HC0004

**BENEFITS:** Fast and efficient cleaning

**DESCRIPTION:** Techmine 280 provides excellent cleaning and detergency and is Hypochlorite Bleach Stable. The addition of Carbopol provides cling allowing the for more efficient cleaning.

### FORMULATION & PROCESS:

INGREDIENTS (INCI NAME)	FUNCTION	W/W%	PROCESS
Water	Carrier	65.75	<b>Step 1</b> Disperse Carbopol into water and mix until completely dispersed.
Carbopol 676	Rheology Modifier	1.25	
Potassium Hydroxide (45%)	Neutralizer	5.00	<b>Step 2</b> Add Potassium Hydroxide ensure the pH is >12.5, add Potassium Silicate and mix until uniform.
Potassium Silicate (39%)	Builder	5.00	
Potassium Carbonate	Builder	5.00	<b>Step 3</b> Add Potassium Carbonate, Sodium Hypochlorite, and <b>Techmine 280</b> . Mix until uniform between additions.
Sodium Hypochlorite (12.5%)	Bleach	8.00	
<b>Techmine 280</b>	Cleansing Agent	10.00	<b>Step 4</b> Add Dye and Fragrance and mix until uniform.
Dye	Dye	Q.S.	
Fragrance	Fragrance	Q.S.	

**SUPPLIERS:** Carbopol - Lubrizol

### TYPICAL PROPERTIES

Appearance at 25°C:	Clear Liquid
Brookfield Viscosity at 25°C:	1,800 – 2600 cP
pH as is @ 25C:	>12.5
Active Surfactants, %:	3.0 – 4.0

#### WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products. SCT GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of the present document and SCT is at their disposal to supply any additional information.

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