



# BB-200 De-Foamer Solution

## DESCRIPTION

**BB-200** is a blend of polyglycol acid ester and a hydrophobic silica in a hydro-treated heavy naphthenic distillate that is used to control foam over a wide pH range (2-12) for both photo-resist developing and stripping operations. **BB-200** additions should be diluted with process solution before adding to the sump. This is to ensure adequate dispersion of the de-foamer in solution.

## OPERATING PARAMETERS

Make-Up	Mix 1 part BB200 with 4 parts water or process solution before adding it to the sump.
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### Diluted De-foamer additions

Sump Size		BB-200 De-foamer Diluted		Maintenance adds as required (ml)	Total ads not to exceed (ml)
Gal	L	Oz.	ml.		
20	76	4	120	10-20	200
40	152	8	240	20-40	400
50	190	10	300	30-50	500
100	380	20	600	50-100	1000

## PHYSICAL PROPERTIES

Specific gravity	1.00-1.03
Appearance	White, milky, viscous liquid
pH (1% solution)	6-7
Odor	Mild
Flash Point	>200F

## CONTROL PROCEDURES

Follow make-up tables.



## **ANALYSIS**

Not applicable.

## **SAFETY AND STORAGE**

BB-200 should be handled with care. Avoid open flames. Do not store in direct sunlight, high temperature or below freezing.

## **WASTE TREATMENT**

Not applicable since the spent de-foamer is in either a spent developer or resist solution. See appropriate technical bulletin for these respective products.

## **MISCELLANEOUS**

Packaging comes in 5-gallon pails and 55-gallon drums. Consult MSDS sheet for additional information.

### **PACKAGING**

5 gallon pails and 55 gallon drums.