



BB-330 De-Foamer Solution

DESCRIPTION

BB330 is a blend of polyoxyethylene and polyoxypropylene copolymers that is used to control foam over a wide pH range (2-12) for both photo-resist developing and stripping operations. **BB330** 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 BB300 with 4 parts water or process solution before adding it to the sump.
---------	---------------------------------------------------------------------------------------

Diluted De-foamer additions

Sump Size		BB-330 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	1.00-1.04
Appearance	Clear, viscous liquid
pH	6-7
Odor	Slight
Flash Point	>450°F

CONTROL PROCEDURES

Follow make-up tables.



ANALYSIS

Not applicable.

SAFETY AND STORAGE

BB-330 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.