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Product Data Sheet

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PRODUCT #: N8210

AF-1104

Alkaline Stable Antifoam

DESCRIPTION: A blended organic defoaming surfactant for use in reducing foam generated in spray equipment. ***AF-1104*** is especially effective in solutions used for developing and stripping aqueous and semi-aqueous dry film photoresists. Effective at low temperatures of 80°-130° F.

BENEFITS:

- **Compatible with the latest developing solutions and with all aqueous photoresists**
- **Free rinsing - complete removal in rinse chambers**
- **Effective and stable in alkaline systems**
- **Effective at low concentrations and at low temperatures**

SPECIFICATIONS:

Density:	1.00 gm/ml, 8.3 lbs./gal.
Flash Point (TCC):	>350° F
Shelf life:	Indefinite
VOC Content (EPA Method 24):	None

INSTRUCTIONS: ***AF-1104*** is very effective at low concentrations, and should be used at 0.06-0.2% by volume. Add 250-400 ml per 100 gallons of working solution at make up, and make additions of 100 ml per 100 gallons as necessary to control foam. Excessive amounts can result in residues on panels and equipment.

AF-1104 can be added directly to the sump, or metered with an automatic dosing system. Do not add to static holding tank (day tank) as it will separate from solution when not actively mixed.

CAUTION: Use of excessive quantities or mis-application of any antifoam can result in re-deposition and/or accumulation of residues on panels or in equipment. Do not add ***AF-1104*** to a day tank or holding tank.

DISPOSAL: Non-hazardous material; may be flushed to drain.