

# FOAMASTER® AP

## Use

Foamaster® AP liquid is a 100% active antifoamer developed to meet the need for a foam counteracting additive having:

- High defoaming efficiency.
- Easy water dispersibility.
- Complete compatibility with tints and colorants used in latex paints and tint bases.

## Specification

		Limit		Test Method
		Min.	Max.	
Appearance	Opaque, pale yellow liquid			Visual
Dispersibility (10 % in water)	Dispersible			
Density (lbs/gal)		7.3	7.9	T-013
Moisture (%)		---	0.5	N-171
I.R. Identity	Equal to Std			

## Additional data

Appearance	Opaque, pale yellow liquid
Density, lb/gal	7.65
Moisture content, %	0.5 max
Specific Gravity	0.92
VOC, %	3
Solubility	easily dispersible in all latex paint and adhesive systems

## Properties

## Advantages

Foamaster® AP Antifoamer:

- Provides high defoaming efficiency in alkaline or acidic systems.
- Is compatible and useful in all major latexes.
- Imparts excellent antifoaming in water based paints and adhesives.
- Is dispersible in water to an unusually high degree.

- Is water-free. The absence of water reduces shipping costs and prevents internal microbial activity.
- Does not detract from tinting color development.
- Produces films free of fish eyes and craters.
- Contains FDA sanctioned ingredients (See FDA Status Section).

## **Application**

Recommended for defoaming of:

- Waterborne architectural coating
- Aqueous printing ink
- Adhesives
- Polymer latices

In paint formulations, as little as 2 to 3 pounds of Foamaster® AP antifoamer effectively defoam 100 gallons of paint.

In paint manufacture, it is usually advantageous to split the addition of defoamer. Add one half the normal amount to the pigment mix prior to grinding to suppress the formation of foam. Add the remainder to the "let-down" portion of the paint.

Foamaster® AP is an effective defoamer for latex based coatings and adhesive systems. From 1 to 2% on the weight of latex solids is generally adequate for latex and adhesives.

No one defoamer can best service all manufacturing procedures. Individual manufacturing methods will determine the optimum amount of defoamer. Proper recommendations for individual systems and operating conditions can be made by our Technical Representatives.

Always mix well before using.

## **Approvals**

## **FDA Status**

Foamaster® AP defoamer complies with the following indirect food-contact regulations listed in 21 CFR:

<b>Section</b>	<b>Title</b>
175.105	Adhesives
176.200	Defoaming Agents Used in Coatings
177.1200	Cellophane (used as a defoaming agent, identified in 176.200).

## **Regulatory Status**

TSCA, EINECS, DSL, AICS

## **Miscellaneous**

### **PACKAGING, STORAGE AND HANDLING**

Foamaster® AP antifoamer is shipped in 55 gallon (200 liter) steel drums. Store in a warm place and mix well before using. Additional handling information is contained in a material safety data sheet which is available on request.

### **Freight Classification**

**USA:** Foamaster® AP is classified as: Defoaming Compounds NOI.

**Revision-No.**

1-04.2004 Effective April 20, 2004

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year.

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Suggestions of processing and using our products are given with best knowledge and information but without obligation. COGNIS does not accept any guarantee to the suitability of a product for the user's specific purpose. Furtheron the user himself assumes a liability to follow all legal regulations by using our products. The user can only pass on our sample to third parties with previous assent of COGNIS.

