

Formulation Additives

Technical Data Sheet

Foamaster[®] MO 2172 (old: Foamaster[®] AP)



Product Description Foamaster[®] MO 2172 is a 100% active, mineral oil defoamer.

Chemical Composition Hydrophobic, silica blend containing mineral oil.

Properties

Typical Property	Density (T-013)	~ 7.9 – 7.9 lb/gal
	Water content (N-171B)	~ 0 – 0.5% mass
	Viscosity (dynamic)	~ 200 – 700 cp
	IR Identity (T-001)	corresponds to the standard
	pH value (10% in distilled water)	~ 5.5 – 7.5

Typical Characteristics	Appearance	Opaque light yellow liquid
	Dispersibility (10 % in water) (N-111A)	Dispersible
	Active matter	100%
	Specific Gravity	0.920 g/cm ³

These typical values should not be interpreted as specifications.

Applications

Foamaster[®] MO 2172 has the following key characteristics:

- Provides high defoaming efficiency in alkaline or acidic systems.
- Is compatible and useful in all major latexes.
- Imparts excellent defoaming 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.

Foamaster[®] MO 2172 is a 100% active defoamer developed to meet the need for a foam counteracting additive having:

- High defoaming efficiency.
- Easy water dispersability.
- Complete compatibility with tints and colorants used in latex paints and tine bases.
- High defoaming efficiency in alkaline and acidic systems.
- Compatible in all major latexes.

Dosage

On total formula weight, use 0.2 – 1.0 % of Foamaster[®] MO 2172. Always mix well before using.

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Recommended for defoaming of:

- Waterborne architectural coatings
- Aqueous printing inks
- Adhesives
- Polymer lattices

In paint formulation, as little as 2 to 3 pounds of Foamaster® MO 2172 effectively defoams 100 gallons of paint.

In paint formulation, 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® MO 2172 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.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Foamaster® MO 2172.

Storage

Foamaster® MO 2172 is subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. Foamaster® AP is shipped in 55 gallon (200 liter) steel drums.

Important

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