

Product introduction

EM-851 is a compound high-molecular polysiloxane defoamer suitable for industrial wastewater treatment, industrial cleaning, acrylic slurries, seawater desalination, paper pulping, etc. It features strong acid/alkali resistance, rapid defoaming, and persistent antifoaming. Free of toxic substances like NP and AP, it provides efficient and long-lasting defoaming performance.

Features and Benefits

Highly efficient defoaming effect with long-lasting foam inhibition.

Excellent dispersibility and compatibility, can be diluted with water to any concentration.

Strong acid and alkali resistance.

Stable quality within storage period.

Technical Specifications

Appearance	Slightly white oily agent
Active Ingredient	100%
Diluent	Water
pH	7.0
Closed Cup Flash Point (°C)	>100
Specific Gravity (25°C)	1.0
Viscosity	2000-3000 cs

Application Guidelines

EM-851 can be directly added during the batching process.

For optimal performance, thorough testing before production is required. Dosage and dilution ratio should be determined based on sample test results.

Stir EM-851 thoroughly before use to achieve desired properties.

Industrial Wastewater Treatment System

Add periodically or continuously via metering pump according to on-site conditions.

Recommended dosage: 1-100 ppm (actual dosage depends on specific application).

Industrial Cleaning System

Add directly to cleaning agents as a formula component or on-site. Dosage: 0.05%-1% of total formula.

Acrylic Slurry System

Add after slurry production or during the sizing process. Dosage: 0.2%-0.5% of total formula.

Paper Pulping System

Add continuously to black liquor filtered from the pulp pool. Dosage: 0.05-0.5 kg per ton of absolute dry pulp (based on undiluted emulsion); alternatively, dilute ASF-851 as needed.

Note: Dilute with water to control dosage or cost, and use the diluted product within 12 hours.

Precautions

Avoid direct contact with eyes, which may cause mild irritation.

Packaging and Storage

Store Sinnosil® EM-851 in a cool, ventilated place, away from acids and alkalis.

Packaged in iron drums, net weight 200 kg/drum. Shelf life: 6 months.

Company Information

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Sinnosil®

The information provided in this Product Bulletin is believed to be accurate and reflective of the product's typical characteristics and potential applications. However, any usage suggestions provided are solely for reference and should not be construed as authorization to violate any domestic or international patents. It is the responsibility of user to conduct comprehensive testing under actual application conditions to verify the product's performance, compatibility, safety, and handling requirements.