

ECOSORB® 700 Series

An Effective and Efficient Way
to Mitigate Odor Complaints.

ECOSORB®
Natural Industrial Odor Solutions

Derived from extensive plant oil performance studies, the Ecosorb 700 series employs a custom-engineered formulation tailored to selectively target styrene and low molecular weight hydrocarbons across diverse industrial applications. The Ecosorb 700 series chemically reacts with styrene. As such, these products should not be used in applications where styrene is intended to react as a monomer in your process.

The 700 Series offer two primary use formats:

WATER-BASED | 706

Tailored for use with Ecosorb Vapor Phase Systems (VPS), this formulation is ideal for treating air streams containing styrene and less-polar hydrocarbon compounds. It can be applied to tank vents, air collection systems, and building exterior venting, to suppress malodor release.

OIL-BASED ADDITIVE | 706A

When directly incorporated into oil or rubber systems, the additive effectively treats free styrene by-products and impurities. It helps control odors in applications like waste oil where 706A will work to mitigate odors during storage.

FEATURES

Formulated with a proprietary blend of plant oils targeting styrene and less polar hydrocarbons.

Laboratory testing confirms a significant decrease in styrene and lower molecular weight hydrocarbons.

BENEFITS

- ▶ Mitigates odors in a diverse range of applications, especially those related to styrene.
- ▶ Minimizes odor-related complaints from neighbors.

Physical Properties

WATER-BASED | 706

Specific Gravity (20°C): ~1.00

Appearance: Colorless to white liquid

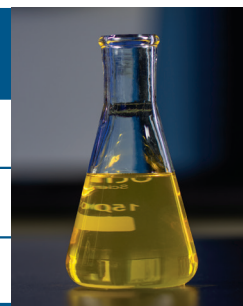
pH: 4.0 – 8.5



OIL-BASED | 706A

Specific Gravity (20°C): ~0.88

Appearance: Amber Liquid



How to Use

For Airborne Treatment (Water-Based 706)

Vapor Phase System (VPS): Connect the drum or tote to your Ecosorb VPS machine. Set the gallon/day rate at the value directed by your Ecosorb sales engineer or start at 1/2 of the capacity of your system. After treating for two hours review your odor situation and adjust the set-point, as necessary.

Air Atomization: Dilute or set dilution of the 706 between 25:1 and 100:1 with water as directed by your Ecosorb Sales Engineer. After treating for two hours check the odor condition and adjust your dilution accordingly.

For treating waste oils and rubbers (Oil-Based 706A)

Add 100-1000 ppm (1/2 gallon to 5 gallons 706A per 20 tons of odorous product) during the treatment process. After the application, assess the odor to determine the ideal dosage level.

Part Number/Packaging

- ▶ 706A– 5GAL (5-gallon drum of oil-based additive)
- ▶ 706A– 55GAL (55-gallon drum of oil-based additive)
- ▶ 706A– 275GAL (275-gallon tote of oil-based additive)
- ▶ 706 – 5GAL (5-gallon drum of water-based product for use in vaporization or atomizing equipment)
- ▶ 706 – 55GAL (55-gallon drum of water-based product for use in vaporization or atomizing equipment)
- ▶ 706 – 275GAL (275-gallon tote of water-based product for use in vaporization or atomizing equipment)

Storage

Storage Temperature: 40-85°F (4-29°C)

Store in a well-ventilated cool area. Keep away from direct sunlight, heat sources, strong acids, and oxidizing agents.

See SDS for more information.