

ECOSORB® 706 Series

An Effective and Efficient Way to Mitigate Odor Complaints.

Ecosorb 700 series has been developed through years of testing different plant oils to find the best for various chemical compounds. Through this testing our chemist found the ideal blend for Styrene and hydrocarbons which we developed into the 700 series products. The primary application area is where you have airborne Styrene needing to be treated or oil/rubber compounds with by product or impurity styrene present. The Ecosorb 700 series products actively react with styrene so do not use them near or in situations where styrene is being used a monomer and needs to react as part of your process.

The 706 series offers two primary use formats:

OIL-BASED ADDITIVE – 706A:

Added directory to oil or rubber systems to treat any free styrene by products or impurities. The additive can be used in waste oil which is intended to be burned for energy to help with odors before and after combustion.

WATER-BASED – 706:

Built to be used to treat air streams with Styrene and less-polar hydrocarbon compounds. It is ideally applied via Ecosorb Vapor Phase Systems (VPS) on tank vents, air collection systems and building exterior venting. Can also be used in water scrubbers to enhance the ability to remove styrene significantly.

FEATURES

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

Laboratory testing to verify the effectiveness of reaction with styrene.

BENEFITS

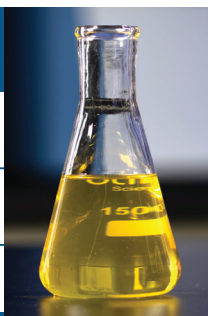
- ▶ Removes odors from styrene and some hydrocarbons, preventing them from disrupting neighbors.
- ▶ Possible to develop styrene controls around the use of 706.

PHYSICAL PROPERTIES

706A

Specific gravity (20°C): ~0.88

Appearance: **Amber Liquid**



706

Specific gravity (20°C): ~1.00

Appearance: **White Liquid**

pH: 4.0 - 8.5





HOW TO USE

For treating asphalt cement additive, oils, and their derivatives (Oil-Based 706A)

Add 100-1000 ppm (1/2 gallon to 5 gallons per 20 tons of asphalt cement) of Ecosorb additive during a transfer process (terminal storage tank to truck/truck to Hot Mix Asphalt plant tank) to allow for good mixing. This addition can be done via in-line dosing with the Ecosorb Additive Injection System or by adding the Ecosorb additive to the transfer hose before beginning the transfer.

For airborne treatment (Water-Based 706)

VPS equipment - Connect the drum or tote to your Ecosorb VPS machine. Set the gallon/day rate at the value directed by your Ecosorb salesperson 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. After treating for two hours check the odor condition and adjust your dilution accordingly.

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.