

## ECOSORB® 1300 Series

An Effective and Efficient Way to Mitigate Odor Complaints.

The Ecosorb 1300 series has evolved from rigorous testing on asphalt cement blends conducted across North America. Through this extensive research, we've identified trends in odor profiles, leading to products specifically crafted to offer a broader spectrum of odor control for the asphalt and petrochemical industries. The 1300 series distinguishes itself by incorporating a wider range of plant oils to effectively address hundreds of odor-generating compounds.

### The 1300 series offers two primary use formats:

#### OIL-BASED ADDITIVE - 1300A:

Directly added to oil-based substances, the 1300A effectively influences odor control in both liquid and vapor phases. The 1300A incorporates plant oils and a scavenger to reduce sulfur containing compounds.

#### WATER-BASED - 1306:

Tailored for use in Ecosorb vapor and atomization systems, the 1306 is ideal for managing airborne odors. It can be applied in exhausts or through ducting strategically placed around areas where unpleasant odors are escaping.

## FEATURES

Formulated with a proprietary blend of plant oils to address the changing challenges of asphalt.

Laboratory testing confirms a significant decrease in various odorous compounds.

The scavenger targets hydrogen sulfide and mercaptans (additive only).

## BENEFITS

- ▶ Mitigates odors in a diverse range of applications, including those stemming from asphalt.
- ▶ Minimizes odor-related complaints from neighbors.
- ▶ Reduced sulfur compound malodors.

## PHYSICAL PROPERTIES

### OIL-BASED – 1300A

Specific gravity (20°C): ~0.94

Appearance: Colorless to Amber



### WATER-BASED – 1306

Specific gravity (20°C): ~1.00

Appearance: Milky White

pH: 4.0 - 8.5





## HOW TO USE

### For treating asphalt cement additive, oils, and their derivatives (Oil-Based 1300A)

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 1306)

**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 1306 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

- **1300A-55GAL** (55-gallon drum of oil-based additive)
- **1300A-275GAL** (275-gallon tote of oil-based additive)
- **1306-55GAL** (55-gallon drum of water-based product for use in vaporization or atomizing equipment)
- **1306-275GAL** (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.