



Customized Odor Control Additives for Asphalt and Bitumen



One of the unavoidable byproducts of the asphalt production process is a mixture of volatile hydrocarbons, mercaptans, hydrogen sulfide, and heat, which causes a unique odor composition. While persistent nuisance odors from asphalt production are often easily eliminated using one of the four process additives in the existing stable of Ecosorb odor eliminating products, occasionally a more customized solution is required to accurately target unique and extreme odor profiles.

Enter Asphalt Custom Additive Solutions, a new program from OMI Industries offering end-user control for any and all asphalt odors, regardless of their severity.

The superior science fueling Ecosorb odor eliminating products is backed by on-staff Ph.D. chemists who can engineer a new blend of essential plant oils to address specific molecular odor offenders. If the four readily-produced asphalt additives do not satisfactorily reduce your product's perceptible odor emissions, a sample of your specific asphalt binder blend will be assessed using two approaches — gas detection tubes and a nose panel — to create your new custom additive.

The result is less odorous asphalt production and storage, regardless of its composition. What's more, Ecosorb additives do not alter the physical properties of the asphalt — flashpoint and softening point, ductility, etc., all remain the same, even at a 1,000 ppm concentration of Ecosorb additive — so there's absolutely no change to your final product other than dramatically-reduced odor levels.

Whereas competing solutions will employ hydrogen sulfide scavengers and a blend of masking agents, this only partially — and almost always unsuccessfully — addresses the real odor issue. Additives from OMI Industries, however, address a broad spectrum of odors, including those from three of the main offenders (hydrocarbons, mercaptans, hydrogen sulfide).

The variety of proven solutions from OMI Industries means reducing problem asphalt odors could not be easier.

IDEAL FOR

- Refineries
- Terminals
- Bitumen storage and transportation
- Hot mix asphalt plants
- Fuel oils
- Used oils

PACKAGING OPTIONS

Available in 55-gallon drums

Ecosorb® Remarkably effective. Surprisingly simple.



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