



Graver Technologies

Filtration | Separation | Purification

## Ecosorb® S-407

Ecosorb® S-407 is a moist, non-dusting, multi-functional purification media that combines adsorption, filtration, and ion exchange capacity into a single product. Ecosorb products utilize a proprietary method to affix fine particles of activated carbon and ion exchange resin onto an inert support. By combining the superior kinetics of fine particles with excellent flow characteristics, purification processes run longer and deliver better quality effluents than with standard treatment methods.

S-407 is recommended for decolorization and for the elimination of objectional taste and odor compounds from a variety of food and beverage products. Typical applications include liquid sugar processing, sugar alcohols, starch derived sweeteners and artificial sweeteners. It's high activated carbon content makes it particularly effective for reducing objectionable taste and odor compounds.

Ecosorb S-407 can be used either in a traditional slurry (batch or continuous) mode or as a precoat. Depending on the application, 200 to 500% increases in filter cycle throughput and 50 to 90% reductions in solid waste are typical compared to traditional PAC (powdered activated carbon) treatment.

### Typical Properties

Appearance:	Moist powder aggregates
Color:	Predominantly black with some white flecks
Functional Components:	Powdered Activated Carbon Powdered Anion Exchange Resin Chloride Form Cellulose Fiber
pH:	6.0 – 8.0
Total Moisture:	60% ± 3%
Permeability (v/v):	40% minimum

**Ecosorb S series** products comply with all applicable U.S. Food CODEX requirements

**Ecosorb S series** products are certified as Kosher and Pareve for year round use

**Ecosorb S series** products are HALAL certified

**Shelf Life:** One year from date of Manufacture

**Packaging:** 30 lbs per bag/40 bags per pallet

### For more information

Graver Technologies Customer Service: **1-888-353-0303**

Outside the US: **1-302-731-3568** Fax: **1-302-369-0938**

Technical Support: **1-800-249-1990**

Outside the US: **1-302-731-1700**

E-mail us at **info@gravertech.com**

[www.gravertech.com](http://www.gravertech.com)

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Graver Technologies

200 Lake Drive  
Glasgow,  
DE 19702 U.S.A.

