Graver Technologies

Filtration | Separation | Purification

Ecosorb® S-406

Ecosorb® S-406 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-406 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 decolorization of wine, juice, distilled spirits, liquid sugar processing, sugar alcohols, starch derived sweetners and artifical sweeteners and deodorization of hydrolyzed proteins.

Ecosorb S-406 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):	*55% minimum*

Ecosorb S-406 complies with all Bureau of Alcohol, Tobacco, and Fire Arms requirements for alcoholic beverage processing

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

Ecosorb S series products are certified as Kosher and Pareve

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**
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All information and recommendations appearing in this bulletin concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Graver Technologies as to the effects of such use or the results to be obtained. Graver Technologies assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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