



Filtration Separation Purification

PRODUCT DATA SHEET

Ecosorb® S-481

Ecosorb® S-481 is a moist, non-dusting, multi-functional purification media that combines superior filtration and ion exchange capacity into a single product. Ecosorb® products utilize a proprietary method to affix fine particles of 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-481 is highly efficient for decolorization, including color bodies not easily removed by activated carbon. Typical applications include liquid sugar processing and sugar alcohols, starch derived sweeteners, and artificial sweeteners.

Ecosorb® S-481 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:	Off-White to Dark Gray
Functional Components:	Anion Exchange Resin (Chloride Form) Cellulose Fiber
pH:	> 5.0
Total Moisture:	60% ± 3%
Shelf Life:	Two Years from Date of Manufacture
Packaging:	Available in 30 lbs/bag; 40 bags per pallet

Ecosorb S-series products comply with applicable food contact requirements
Ecosorb S-series products are Certified as Kosher and Pareve
Ecosorb S-series products are HALAL certified

For more information on Ecosorb® Multi-functional Adsorbent Media contact:

Graver Technologies Customer Service: **1-800-533-6623**

Outside the US: **1-302-731-3516** Fax: **1-302-369-8396**

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

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

E-mail us at info@gravertech.com

www.gravertech.com

**200 Lake Drive
Glasgow
DE 19702 USA**

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.