



## ACTIVATED CARBON

### DESCRIPTION

Activated Carbon is a very active product with a high proportion of medium and large pores. It is recommended for the adsorption of large quantities of high molecular weight substances.

### PROPERTIES

<b>Physical</b>		<b>Chemical</b>	
Appearance:	Dark grey/black powder	Type:	Charcoal
Specific Gravity:	.22-.32	Solubility:	Negligible (water, oil)
Boiling Point:	2150°C	pH:	4.0-6.0
Flash Point:	Not flammable	Microtox:	Not applicable

### APPLICATION

The use of granular Activated Carbon in wastewater treatment systems is a proven process for removal of organic compounds. As a tertiary treatment method, carbon adsorption and regeneration have been used to process domestic wastewaters contaminated with industrial wastes of organic origin as well as biologically treated waste waters. Activated Carbon, when contacted with water containing organic material, will remove these compounds selectively by a combination of adsorption of the less polar molecules, filtration of the larger particles, and partial deposition of colloidal material on the exterior surface. The quantity of Activated Carbon required will depend upon the degree of contamination.

### MIXING AND HANDLING

Fluids may be filtered through Activated Carbon or the Activated Carbon may also be added directly to a contaminated fluid to remove impurities. It is advisable to use a dust mask and eye protection while mixing all powdered products.

<b>WHMIS:</b> Not controlled	<b>TDG:</b> Not regulated	<b>PACKAGING:</b> 50 lb sack
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