

# Sulfursorb Catalytic Activated Carbon

Superior Odor Control, Superior Quality,  
Exceptional Price

Definition: **cat·a·lyst**

Pronunciation: 'ka-t&l-&st

Function: *noun*

**1:** a substance (as an enzyme) that enables a chemical reaction to proceed at a usually faster rate or under different conditions (as at a lower temperature) than otherwise possible

**2:** a substance that increases the rate of a chemical reaction without itself undergoing any change

## Specifications

Pellet Diameter, mm:	3.7-4.3
Butane Activity, wt %:	21.4(min)
Hardness, %:	95(min)
Typical Density, lbs./cu.ft.	27
g/cc:	0.43
Hydrogen sulfide breakthrough capacity** gH2S/cc carbon	0.15 (min)

**Sulfursorb** is a unique product that is manufactured without the use of chemical impregnation to the surface of the carbon. **Sulfursorb** was specially developed for the removal of hydrogen sulfide, also known as H<sub>2</sub>S (the main source of sewer and septic gas odors), and other compounds commonly found in municipal odor control applications. With **Sulfursorb**, hydrogen sulphide is removed catalytically rather than by chemical adsorption. Because of its catalytic properties Sulfursorb gives you the high loading rates of impregnated carbons without the thermal risks associated with chemically treated carbons (Impregnated carbons). This Makes **Sulfursorb** the perfect choice for use in sewage treatment plants and pumping stations where these compounds are typically found

The absence of a chemical impregnation means that in certain applications, **Sulfursorb** can be regenerated\* on site with water (instead of hazardous chemicals used with impregnated carbons), thereby re-establishing the active catalytic sites within the internal pore structure.

While catalytic carbons cost more than standard or impregnated activated carbons, the end result is that it has the adsorbing capabilities of activated carbon without the shorter life and with the benefit of easily being regenerated.\*

\***Note:** Washing Sulfursorb requires proper safety procedures to be followed.



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