



## Sphag Sorb with Acids and Bases

Testing was conducted, with the use of *SPHAG SORB* Industrial Absorbent, on the following concentrated acids and bases:

Sulfuric Acid (*H<sub>2</sub>SO<sub>4</sub>*)  
Hydrochloric Acid (*HCl*)  
Nitric Acid (*HNO<sub>3</sub>*)  
Acetic Acid (*CH<sub>3</sub>COOH*)  
Potassium Hydroxide (*KOH*)  
And Sodium Hydroxide (*NaOH*).

Tests were conducted outside of a normal laboratory setting and revealed that the loose *SPHAG SORB* absorbed all of the listed concentrated acids and bases with a small amount of reactivity consisting of fumes.

It is believed that the reactivity was caused by the small amount of moisture (*1 – 14%*) that is contained in the Sphagnum peat moss.

Testing was also conducted using the all-natural cotton material used in the pads, pillows and socks.

All concentrated acids and bases, except the Sulfuric Acid (*H<sub>2</sub>SO<sub>4</sub>*), were compatible with the material.

The Sulfuric Acid (*H<sub>2</sub>SO<sub>4</sub>*) reacted with the cotton material and caused the material to degrade rapidly.

*(It is recommended that loose Spagh Sorb be used on Sulfuric Acid spills)*