

# SORBOND® UG

## SOLIDIFICATION AGENT

### PRODUCT DESCRIPTION

Sorbond® UG is a high purity sodium montmorillonite which is selectively mined for use as a high efficiency solidification and stabilization agent. It is supplied as a free flowing granular media and absorbs as much as 9x its weight in aqueous matter.

### BENEFITS

- Cost effective performance through reduction in overall disposal volume and cost
- Can be applied in-situ for soil stabilization and solidification
- Improves non permeability as a soil sealant

### PHYSICAL PROPERTIES

PROPERTIES	VALUE																
Purity	Principally composed of the clay mineral montmorillonite. Contains trace amounts of quartz, calcite, and mica.																
Moisture	8 - 12% as shipped																
Bulk Density	54 lbs/ft <sup>3</sup> (typical)																
Settleable	15% maximum																
Spec. Gravity	2.5																
Texture	Soft, slippery when wetted																
Odor	None																
Taste	None																
CEC	95 - 115 meq / 100g																
Chemical Formula	Dioctahedral smectite, an expanding layer silicate: (Na,Ca) <sub>0.33</sub> (Al <sub>1.67</sub> Mg <sub>0.33</sub> )Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ·nH <sub>2</sub> O																
Elemental Composition	Typical analysis – moisture free. <table style="width: 100%; border: none;"> <tr> <td><b>SiO<sub>2</sub></b></td> <td>62.0%</td> <td><b>Na<sub>2</sub>O</b></td> <td>2.4 %</td> </tr> <tr> <td><b>Al<sub>2</sub>O<sub>3</sub></b></td> <td>15.2 %</td> <td><b>CaO</b></td> <td>1.4%</td> </tr> <tr> <td><b>Fe<sub>2</sub>O<sub>3</sub></b></td> <td>3.3 %</td> <td><b>K<sub>2</sub>O</b></td> <td>0.7%</td> </tr> <tr> <td><b>MgO</b></td> <td>1.7 %</td> <td><b>LOI</b></td> <td>8.0% (after LOD)</td> </tr> </table>	<b>SiO<sub>2</sub></b>	62.0%	<b>Na<sub>2</sub>O</b>	2.4 %	<b>Al<sub>2</sub>O<sub>3</sub></b>	15.2 %	<b>CaO</b>	1.4%	<b>Fe<sub>2</sub>O<sub>3</sub></b>	3.3 %	<b>K<sub>2</sub>O</b>	0.7%	<b>MgO</b>	1.7 %	<b>LOI</b>	8.0% (after LOD)
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### PACKAGING

- 50 lb bag
- 2000 lb super sack

### AVAILABILITY

Shipping available from the following location:

- CETCO, 218 NE Industrial Park Rd, Cartersville, GA
- CETCO, 92 Highway 37, Lovell, WY

Contact your local technical sales manager at:  
714-384-0111 or 800-527-9948