

**Dry Cleaning Purpose  
Acid Treated Bentonite**

Revised 10/05/05

**KRYSTAL-KLEAN™**

<b>General Description</b>	KRYSTAL-KLEAN is an acid treated Bentonite with low swelling capabilities
<b>Functional Use</b>	Special-purpose, in the filtration and purification of dry cleaning hydrocarbons.
<b>Purity</b>	Hydrous aluminum silicate comprised principally of the clay mineral montmorillonite. Montmorillonite content 85% minimum. Contains minor amounts of feldspar, calcite, and quartz.
<b>Moisture</b>	Maximum 12%.
<b>Dry Particle Size</b>	Minimum 90% passing 200 mesh.
<b>pH</b>	3 to 4 @ 5% solids.
<b>Residual Acidity</b>	1 to 2 (mgKOH/g)
<b>Chemical Formula</b>	Dioctahedral smectite, an expanding layer silicate: $(\text{Na,Ca})_{0.33}(\text{Al}_{1.67}\text{Mg}_{0.33})\text{Si}_4\text{O}_{10}(\text{OH})_2n\text{H}_2\text{O}$
<b>Elemental Composition</b>	Typical analysis – moisture free. SiO <sub>2</sub> 71.64 % Al <sub>2</sub> O <sub>3</sub> 10.22 % Fe <sub>2</sub> O <sub>3</sub> 3.88 % MgO 1.48 % CaO 1.47 % Na <sub>2</sub> O 0.38 % K <sub>2</sub> O 0.049 % LOI 9.04 %
<b>Packaging</b>	Multi-wall paper bags 50-pound, or bulk.

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