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## Bentolite H®

Bentolite H is a white bentonite produced from native, colloidal aluminum silicate by our unique process. The unequalled high purity, whiteness and brightness of Bentolite H are made possible by our selective mining, proprietary and rigid process control of the crude ore. The small particle size of Bentolite H along with its high surface area, give rise to its unique ability to absorb high levels of oil. It has been successfully used in medicated soap bars with typical levels ranging from 1 – 10 % by weight. In addition to its oil absorbency, Bentolite H can act as a rheological aid in water based systems. It will impart thixotropic flow properties which are highly desirable in most liquid products.

### Applications:

Soap Bars

Carrier/Filler for Organics

Binder/Disintegrant

### Typical Physical Properties:

Form .....	Fine white powder
Odor .....	None
Brightness (GEB) .....	79
Moisture Content .....	10.0 % maximum
pH .....	9.5 (2 % solids in deionized water)
Viscosity (5% solids) .....	5.0 cps
Swelling, .....	16.0 mls (2 g in deionized water)

### Typical Chemical Properties:

SiO <sub>2</sub> .....	68.1 %
Al <sub>2</sub> O <sub>3</sub> .....	13.5 %
MgO .....	2.9 %
Fe <sub>2</sub> O <sub>3</sub> .....	0.7 %
CaO .....	0.9 %
Na <sub>2</sub> O .....	3.5 %
K <sub>2</sub> O .....	0.1 %
TiO <sub>2</sub> .....	0.2 %
Loss on Ignition .....	9.1 %

The above typical values are not intended as product specifications.

