

# CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

## BENTONITE SEMI-DRIED CRUDE

This is a pure, sodium Bentonites produced as a Semi-Dried form for the ease of bulk transportation and processing.

### CHEMICAL ANALYSIS:

SiO <sub>2</sub>	60 - 62 %
Al <sub>2</sub> O <sub>3</sub>	18 - 20 %
Fe <sub>2</sub> O <sub>3</sub>	3.5 - 4 %
Na <sub>2</sub> O	2.3 %
TiO <sub>2</sub>	0.2 %
CaO	0.4 %
MgO	1.7 %
K <sub>2</sub> O	0.1 %
Other	0.07%

### PHYSICAL ANALYSIS:

Color	Light Gray
LOI	4.37%
Moisture	11.5 - 14.5 %
Apparent Density	0.95 - 1.10
Spec. Gravity	2.55
Cation Exchange Capacity	70-90 CEC meg (100 gr)
Swell	18-22 cc/2 gr.
Size	100% passing 5 cm.

### E.P. TOXICITY ANALYSIS:

	E.P.A. Standard ppm	Typical Analysis ppm
Arsenic	5.0	<0.1
Barium	100.0	0.5
Cadmium	1.0	<0.05
Chromium	5.0	<0.1
Lead	5.0	<0.1
Mercury	0.2	<0.02
Selenium	1.0	<0.05

### PACKING:

Bulk

### ORIGIN:

U.S.A.