

CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

BENTONITE ENVIROGEL 200

This is a pure, natural, sodium Bentonite produced as a powdered material for use in environmental projects such as landfill liners, pond liners, and where the flow of water must be controlled.

CHEMICAL ANALYSIS:

SiO ₂	60.34%
Al ₂ O ₃	19.28%
Fe ₂ O ₃	3.98%
Na ₂ O	2.34%
TiO ₂	.22%
CaO	.38%
MgO	1.67%
K ₂ O	.10%
Other	.07%

PHYSICAL ANALYSIS:

Color	Light Gray
LOI	4.37%
Moisture	Less than 10% guaranteed 6-8% typical
Density	65 lbs/cu. ft.
Spec. Gravity	2.55
Cation Exchange Capacity	70-90 CEC meg (100 gr)
Swell cc/2 gr	20 - 28 , 24 average

E.P. TOXICITY ANALYSIS:

	E.P.A. Standard	Typical Analysis
	ppm	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

Silver

5.0

<0.1

PARTICLES SIZE ANALYSIS:

US Stand. Mesh	micron	% passing dry sieve
80	180	98.0
100	150	95.8
200	75	80.6
325	44	51.7

Wet Screen residue 200 mesh

2.5 - 3.5%

ORIGIN:

U.S.A., Wyoming State

PACKING:

100 lbs paper bags
supersacks 1000 kilos
other sizes on request
bulk