

ORGANOCLAY® MRM

ORGANIC ADSORPTION & MERCURY SEQUESTRATION MEDIA

PRODUCT DESCRIPTION

Organoclay® MRM is specially formulated for use in the following applications:

- Groundwater remediation
- Solidification/Stabilization additive
- Sediment in-situ capping

Organoclay® MRM is a proprietary granular filtration media that adsorbs non-aqueous phase liquids (NAPL) and dissolved low solubility organics, as well as, sequesters mercury from water. Organoclay® MRM is a chemically modified version of Organoclay® media that sequesters all forms of mercury.

BENEFITS

- Can sequester mercury in the presence of dissolved organic compounds without blinding/fouling. (Pretreatment with pure organoclay recommended for high concentrations of NAPL).
- Effective on four forms of mercury: methyl mercury, Hg⁰, Hg⁺¹ and Hg⁺² as well as As⁺⁵
- Converts mercury to low toxicity species which are insoluble in water
- Mercury sequestration capacity up to 1% by weight (depend upon waste stream characteristics)

PHYSICAL PROPERTIES

PROPERTIES	TEST METHOD	VALUE
Particle Size		18 x 50 mesh (US Standard sieve)
Porosity		> 0.4
Bulk Density Range	CETCO Test Method	44-56 lb./cu.ft.
Oil Adsorption Capacity	CETCO Test Method	Min. 0.5 lb/lb media
Hydraulic Conductivity	ASTM D5084 modified	Min. 1 x 10 ⁻³ cm/s
Optimal Empty Bed Contact Time		Min. 6 minutes

PACKAGING

- 50 lb bag
- 1500 lb super sack

AVAILABILITY

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