

# The Oil Eliminator®

*When it has to be  
oil free™*



[www.vigilantenvironmental.com](http://www.vigilantenvironmental.com)

## **THE OIL ELIMINATOR®** **BULK ORGANIC MEDIA**



### **World Leading Hydrocarbon Removal Media**

#### **Premium Grade Filtration and Remediation Media**

- Arguably the best bulk media choice on the market to remove or reduce hydrocarbon contamination from water.
- Environmentally sound chemisorption technology.
- Up to 300% more active ingredients per volume than other organoclays. 100% active media, no fillers.
- Non-swelling and non-shrinking when exposed to water.
- Cation exchange capacity may release beneficial elements while removing waste products.
- Does not increase pH like some other organic products.
- Removes oil, grease, heavy metals and similar organics from water.
- Able to adsorb up to 70% of its own weight in contaminants.
- Low consumable costs due to high capacity.
- Can be used full strength or custom blended with our ECO or WSO media.
- Prolongs the life of activated carbon and resins when installed prior to these media.
- Use to reduce discharge to acceptable limits.
- Use downstream of the initial oil-water separator to further coalesce oils that did not separate out in the first stage oil-water separator. These oils can then better separate out in a second oil-water separator or polishing filter system.
- Use as a coalescing media inside an oil-water separator.
- Use as pre-treatment upstream of other filtration processes to enhance their performance and extend their life.
- Available in multiple mesh sizes from 8 x 14 to -100 (powder).
- Available in powder form (-100 mesh) for use in DE type filter vessels for ultra high contact area.

## Product Specifications

### *Available Mesh Size:*

- 8 x 14, 14 x 40, 32 x 40, -100 (powder form for use in DE type filters)

### *Density:*

- 8 x 14 Mesh: ~930 kg/m<sup>3</sup>
- 14 x 40 Mesh: ~960 kg/m<sup>3</sup>
- 32 x 60 Mesh: ~995 kg/m<sup>3</sup>
- 40 x 120 Mesh: ~1010 kg/m<sup>3</sup>
- - 100 Mesh: ~825 kg/m<sup>3</sup> (high air content when dry packaged, may settle during shipment)

### *Recommended Operating pH:*

- 4 to 10

### *Recommended EBCT:*

- Depends on mesh size and concentration of contaminant(s) to be removed. Mesh 8 x 14 may be 10 -15 minutes, while -100 may be seconds. Finer mesh generally means shorter EBCT.

### *What The Oil Eliminator Bulk Media Removes*

#### Oil and Grease

- All Types

#### Heavy Metals

- Aluminum
- Cadmium
- Chromium
- Copper
- Lead
- Mercury
- Selenate
- Zinc

#### Hydrocarbon and Other Contaminates

- Acenaphthene
- Ammonia
- Anthracene
- Benzo (a) Anthracene
- Benzo (b) Flouranthene
- Benzo (a) Pyrene
- Benzo (g,h,i) Perylene
- BOD's
- BTEX
- 4-chloro-3-Methylphenol
- Chromate
- Chrysene
- COD's
- 1,1 Dichloroethane
- 1,2 Dichloroethane
- 1,4 Dioxane
- Flouranthene
- Flourine
- Gas Range Hydrocarbons
- Herbicide
- Iodine
- 2-Methylnaphthalene
- Motor Oil
- Naphthalene
- PCP (pentachlorophenol)
- Pesticide
- Phenanthrene
- Phenolics
- Pyrene
- TEC
- Trihalomethanes (THM)
- TOC
- Total Phosphorus
- TPH
- TSS's
- Vinyl Chloride
- VOC's

## Ordering Information

OE-BM	-1	-S			Note
Product Name The Oil Eliminator	Mesh Size	Packaging			
OE-BM = Bulk Media	1 = 8 x 14 2 = 14 x 40 3 = -100	P = Pail D = Drum S = Super Sack			