



MEOR

Maximizing Earths Original Resources, L.L.C.

4610 S. 33rd Place • Phoenix, AZ 85040 • Phone: (480) 929-9194 • Fax: (480) 219-6875 • www.meor.net

TECHNICAL DATA SHEET

HC-7™

HC-7™ is a concentrated dry blend of selected bacteria having the exceptional capability to degrade a broad spectrum of environmentally hazardous hydrocarbons, combined with our cold weather acclimated catalyst bacterial strains. The resulting synergism produces a product with superior bio-kinetic response, when compared with naturally occurring bacterial populations and competitive formulas. HC-7™ will rapidly degrade all major organic components of #4, 5 and 6 fuel oils, crude oil and coal tar. HC-7™ can tolerate petroleum concentrations inhibitory to many indigenous populations.

Application Instructions

For concentrated hydrocarbon bioremediation, maintain at least 1.0 mg/1 of Ammonium nitrogen and 0.5 mg/1 of Orthophosphate. MEOR nutrients contain micronutrients and other accelerants. The strains in this formula degrade hydrocarbons aerobically requiring at least 1 ppm of oxygen, with 2 to 5 ppm being ideal. Hydrogen sulfide remediation can be performed both aerobically and anaerobically by this formula. For optimum bacterial performance, hydrate HC-7™ before application. Thoroughly mix each pound of dry product with two gallons of warm (approx 70 F) water. Allow the mixture to hydrate for two hours, stirring vigorously every ½ hour. A pH adjuster may be added to the waste stream if necessary, to obtain the preferred pH range of 6.8-7.4.

HC-7™ Blend Characteristics

Bacteria Count.....5 billion colony forming units/gram
Odor.....Yeast-Like
Moisture Content.....15 percent
Appearance.....Free flowing brown powder

Standard Packaging

Product ships in either a 25 lb. plastic drum or 100 lb. fiber drum

Storage and Handling

Store in a dry, cool place. Avoid excessive inhalation. Wash hands thoroughly with warm, soapy water after handling.