



CAP 18 ME® anaerobic bioremediation product has been specifically manufactured for environmental applications such as remediation of soils and associated groundwater. This product can be used to degrade a variety of contaminants including chlorinated solvents, nitrates, sulfates, perchlorate, explosives, and other compounds found as contaminants in groundwater.

CHEMICAL/PHYSICAL DATA

Derived from natural vegetable oils

GRAS -Generally Recognized as Safe

Form Liquid

Specific Gravity

Neat Solution 0.931 g/mL by weight, 10° C/ 50° F

Neat Solution

Not Emulsified

SHIPPING CONTAINERS

55-gallon drum (208-L) with 425 lb (193 kg) net weight. Drum made of high-density polyethylene (HDPE). The drums stand approximately 34.3 in (87.1 cm) high and has an outside diameter of 23 in (58.4 cm). (Domestic and international)

275-gallon IBC (Intermediate Bulk Container) (1040-L) with 2100 lb (952 kg) net weight. IBC made of HDPE. The IBC dimensions are 47.4 in (120.3 cm) high, 39.4 in (100.1 cm) long, and 40.5 in (102.8 cm) wide. (Domestic)

1000-liter IBC (Intermediation Bulk Container) with 920 kg net weight. IBC made of HDPE. The IBC dimensions are 1200 mm long, 1000 mm wide, and 1170 mm high. (International)

Special packages will be considered upon request.

Packaging meets UN performance-oriented packaging requirements.

SHIPPING

CAP 18 ME is not regulated by US DOT, Canada TDG, UN, IMDG, or IATA regulations.

HANDLING, STORAGE, AND INCOMPATIBILITY

A respirator is normally NOT needed but, if mists are present, use a NIOSH-approved respirator or European Community (CE) approved dust or mist respirator for organic vapors.

HANDLING, STORAGE, AND INCOMPATIBILITY

Store in accordance with NFPA 30 requirements in the United States or the European Fire Protection Association in Europe for Class IIIB combustible liquids. Protect containers from physical damage. Store in a cool, dry area in closed containers. Keep away from heat and flames. Do not store near strong oxidizing agents.

Fires may be controlled and extinguished by using dry chemical, waterfog, carbon dioxide (CO₂), foam, or Type K fire extinguishers. Refer to the MSDS or eSDS for more information.

DESCRIPTION

CAP 18 ME is a proprietary blend of long-chain fatty acids and methyl esters refined from natural vegetable oils and designed to be used in remediation projects. The addition of methyl esters to CAP 18 ME provides a more rapid onset of reductive dechlorination without sacrificing ease of injection, low cost, or long lifetime. The graphs below show laboratory microcosm test results for trichloroethylene (TCE) degradation and the change in the onset of action.

