



S-607, Bioremediation Additive

DESCRIPTION

S-607 Bioremediation Additive is a safe, effective, and environmentally sound alternative for the elimination of petroleum and crude oil contaminants in soil and water. S-607 is comprised of naturally occurring bacteria which were isolated from the environment. No mutation or genetic engineering is employed. S-607 uses available oxygen to comprehensively degrade petroleum hydrocarbon chains.

During the bioremediation process the microorganisms will use the available oxygen to convert the organic components into carbon dioxide, water, biomass and inorganic salts. These harmless by-products provide a safe and environmentally preferable approach to contaminated spills or containment systems.

S-607 Bioremediation Additive has been field-proven to be effective in the remediation of contaminated soil and water. Applying S-607 Bioremediation Additive speeds up clean-up time and saves man hours.

FEATURES

- Easy application and removal
- Economically attractive and ecologically sound
- Speeds breakdown and digestion of Petroleum hydrocarbons including oil/grease, crude oils and sludge; Naphthalene, Methylene Chloride; Dichlorobenzene; Dichlorotoluene (2.5-); Methyl Ethyl Ketone, Animal and Vegetable Fats, Oils and Grease; Xylene; and Toluene.

EFFECTIVE USES

Bioremediation of:

- Topical soil
- Retention ponds, wastewater
- Vehicle wash water
- Hard Surfaces
- Oil-water separators

APPLICATION

Topical Soil:

Turn soil to loosen; using a typical garden-type sprayer, apply S-607 evenly to soil surface until soil is very moist. Keep soil moisten with water between S-607 applications. Reapply product every 7 days for 2 to 4 weeks, depending upon the depth of the spill. Turn soil after each product application.

Retention Pond/Industrial Wastewater:

Required parameters for optimal results: Dissolved oxygen rate of at least 1; pH between 6-8; retention time of at least 8 hours; aeration is highly recommended.

Apply 55 gallons of S-607 per 250,000 gallons of wastewater (adjust product amount based upon specific water volume being treated). For optimal and faster results, seed wastewater with 55 gallons of S-607 per 250,000 gallons of water volume and add 55 gallons every four weeks for maintenance. Evaluate results and add S-607 plus or minus by 5 gallon increments to achieve desired reduction levels.

Vehicle Wash Water

Required parameters for optimal results: Dissolved oxygen rate of at least 1; pH between 6-8; retention time of at least 8 hours; aeration is highly recommended.

Apply 5 gallons of S-607 per 500-1,500 gallons of reclaim water for initial seeding. Dose same sized system with 5 gallons of product per month. Monitor water quality and hydrogen sulfide odor control to determine plus or minus dosing adjustments.

Hard Surfaces:

Manually remove excess spill. Typically apply product via typical garden-type sprayer to allow for an even, thorough covering. Keep surface moist between applications. Apply twice per day for 5 days. Please note: S-607 is not an old stain remover. S-607 will degrade fresh petroleum spills on hard surfaces but will not clean away stains from oil, dried spills.

Oil/Water Separators:

For separators up to 1,500 gallons, add 2.5 gallons per month via an auto-dispensing system for daily dosing. Dispensing can be done via any floor drain that leads to the separator.

PROPERTIES

Appearance	Blue liquid
pH	6.0-8.0 (6.5-7.5 optimum).
Bacteria Count	1.1 x 10 ¹² CFU/gallon
Bacteria Type	<i>Pseudomonas putida</i>
Temperature:	4°C-35°C (39°F-95°F)

PACKAGING AND STORAGE

S-607 is available in 5 gallon (19 liter) pails or 55 gallon (208 liter) drums. Shelf life is 1+ year when kept in warehousing conditions and out of direct sunlight.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet <http://www.cortecvci.com>