

DESCRIPTION

ENVIROCARE® WTE is a concentrated, synergistic blend of specialized bacterial strains scientifically developed to promote the rapid breakdown and digestion of various forms of black and grey water waste, including detergents, greases, fats, oils, paper, and other organic materials commonly found in marine sanitation devices. ENVIROCARE® WTE helps maintain marine sanitation devices, holding tanks, and sanitary systems at peak operating efficiency.

Marine waste treatment systems may receive shock loads of laundry detergents, harsh cleaning agents, paper, fats, oils, and greases. These heavy doses upset the delicate environment of the naturally-occurring bacteria in these systems and can overwhelm the bacteria. When this occurs, the waste treatment process is slowed or stopped. The loss of biological activity is often characterized by foul odors emitted from toilets and drains.

When used regularly, ENVIROCARE® WTE continually promotes the presence of powerful waste-degrading bacteria, ensuring the waste treatment system is biologically active. ENVIROCARE® WTE reduces the buildup of sludge and deposits in holding tanks, vacuum tanks, and equipment, and assists in keeping the waste treatment system operating efficiently.

FEATURES

- Concentrated blend of specialized bacterial strains
- Powder formulation
- Packaged in water-soluble packets
- Biodegradable

APPLICATION & USE

Tank Treatment

On a typical vessel with a crew of up to 50 people, optimum tank conditions may be maintained by dosing one (1) premeasured water-soluble packet every two weeks. For cruise ships and ferries, use one (1) premeasured water-soluble packet weekly per marine sanitation device. Place the packet in the toilet nearest the sewage treatment unit or holding tank. Allow the packet to dissolve, then flush the toilet. Upon entering the sewage treatment unit or holding tank, the bacteria will begin to produce the enzymes necessary to digest the waste.

To reactivate an inactive waste treatment system, ENVIROCARE® WTE waste treatment enhancer may be added directly to the tank or via the nearest toilet. Add 2-4 packets of ENVIROCARE® WTE to 4-8 liters of warm water (25°C-35°C). Allow the packet to dissolve. Then add the solution to the tank.

Tank Cleaning

ENVIROCARE® WTE may be used to periodically clean the waste treatment system, holding tank, vacuum tank, and associated equipment. Prior to cleaning, tanks and equipment should be flushed with water (filled to capacity and emptied). To provide low volume circulation, tanks without an air supply must be fitted with an air manifold connected to a low pressure air line. The air line must provide sufficient volume

BENEFITS

- Removes and prevents sludge in sewage treatment systems
- Helps maintain optimum operating efficiency
- Reactivates biological activity
- Reduces the need for costly manual or hazardous chemical cleaning
- Optimizes the degradation of virtually all waste commonly found in shipboard sanitation systems
- Prevents odors associated with overloaded systems
- Cost-effective
- Convenient to handle and apply
- Minimal impact on crew
- Minimal environmental impact



Contact your Drew Marine representative for more information

to gently agitate the volume of cleaning solution. Fill the tank to 75 percent capacity with fresh or salt water and turn on the air supply. Add 10 packets of ENVIROCARE® WTE waste treatment enhancer to approximately 20 liters of warm water (25°C-35°C). Allow the packets to dissolve, stirring gently every 5 minutes. After 10-15 minutes, add the solution to the tank directly or via the nearest toilet. Add an additional 1 packet for every 500 liters of tank capacity over 500 liters in the same manner. ENVIROCARE® WTE waste treatment enhancer should be dissolved at a ratio of 1 packet to 2 liters of either fresh or salt water. Allow the tank to circulate gently for 48 hours. Optimum cleaning performance is achieved at warm water temperatures (10°C-35°C).

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Line Cleaning

Organic waste deposits may be removed from piping by adding 0.5 liter of ENVIROCARE® WTE waste treatment enhancer solution to slow-running drains each night until the drains run freely. An alternate method is to isolate and fill the section to be cleaned with a solution of ENVIROCARE® WTE waste treatment enhancer and water and allow it to stand for 24-48 hours before draining. Additional applications may be necessary. ENVIROCARE® WTE waste treatment enhancer should be dissolved at a ratio of 1 packet to 2 liters of warm water (25°C-35°C). Prior to dosing, allow the packet(s) to dissolve for 10-15 minutes.

TYPICAL PHYSICAL PROPERTIES

Appearance:	Brown powder in clear sachet
pH in 5% w/w solution:	5.0-8.0
Odor:	Mild

NOTE: Always wear the appropriate personal protective equipment when using this product.

PACKAGING

ENVIROCARE® WTE waste treatment enhancer is available in an 11.3-kg cardboard box (PCN 8717714). Each box contains 50 water-soluble packets (8 oz. / 0.227 kg each).

IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



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