

# ENVIROSYSTEMS®

## MARINE CLEANER

### MC-50

**ENVIROSYSTEMS® Marine Cleaner MC-50** is a revolutionary new product for cleaning an extremely wide array of contaminants and surfaces both effectively and safely with minimal adverse effects on the environment or the personnel involved in cleaning. A very mildly alkaline pH of 9.25 enables **MC-50** to be the safest yet still effective cleaner available today. **MC-50** contains no caustics, acids, or solvents, yet it successfully replaces harsh alkaline cleaners and hazardous solvent cleaners in marine cleaning with superior results as compared to its more dangerous competitors. **MC-50** is an aqueous based product containing absolutely no solvents or VOC's, thus eliminating flammability, explosion, and breathing problems in the cleaning process. **MC-50** removes gasoline, diesel fuels, lubricants, machine oils, silicones, and grime from virtually any surface with no harm to the surface being cleaned.

**MC-50** is extremely concentrated, thus making it highly cost effective since it is used at such large dilution ratios. Since **MC-50** works better and quicker than its more hazardous competitors, superior cleaning results and valuable labor savings are realized.

#### BENEFITS

- SAFE FOR PERSONNEL
    - Aqueous based*
    - Non-caustic*
  - SAFE FOR EQUIPMENT
    - Non-corrosive*
  - SAFE FOR THE ENVIRONMENT
    - Water based*
    - pH of 9.25*
    - No solvents or V.O.C.'s*
  - STRONG ENOUGH TO REMOVE THE MOST DIFFICULT SOILS, YET SAFE TO USE
  - ONE-STEP CLEANING
- Mildly alkaline*
- Non-toxic*
- Non-flammable*
- No hazardous vapors*
- Low foaming*

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Some of the many uses for **MC-50** are as follows:

- Marine deck, tank, and bilge cleaner
- Gasoline, fuel oil, and hydrocarbon-based oils cleaner
- Oil rig cleaner
- Tool cleaner
- Hose and pipeline cleaner
- Facilities cleaner
- Concrete floor scrubber cleaner
- Dock cleaner
- Gas freeing operations.

#### **PHYSICAL & CHEMICAL PROPERTIES**

Specific Gravity:	1.07
pH of Concentrate:	9.0 - 9.5
Boiling Point:	Above 210°F
Evaporation Rate (water=1):	1
Appearance:	Green liquid
V.O.C.'s:	None
Solubility (in water):	Miscible in all proportions
Odor:	Mild, practically odorless

#### **DIRECTIONS FOR USE**

**Marine Applications:** **MC-50** is suitable for cleaning decks, bilges, compartments, tanks, gas-free operations, piping, engines, and multiple other applications. According to difficulty of cleaning, typical dilution ratios run from 20 to 1 up to 50 to 1. **MC-50** can be used in pressure washers, mopping operations, spray and wipe cleaning, steam cleaning and about every other conceivable cleaning method.

**Dock, Concrete, and Asphalt Cleaning:** Apply by trigger sprayer or pump-up sprayer to dry surface. DO NOT WET SURFACE WITH WATER FIRST. Let soak for a minimum of 1 hour. There is typically no need to scrub. **MC-50** may appear to dry on top of surface; however, it is penetrating deeply to lift up heavy soils. Hose off with water using pressure from a nozzle. Hot water or a pressure washer may improve cleaning, but is not typically necessary.

**NON WARRANTY:** The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.