

From the makers of ACID Magic®

# BOAT Magic™

The **User Friendly** Hull & Outdrive Cleaner!™

Works Instantly on Fiberglass and Steel Hulls

Up to 2x  
as Fast as  
the Leading  
Competitor

## The Safer Way to Clean Tough Waterlines, Barnacle Stains and Algae Stains



A technological breakthrough in marine cleaning, BOAT Magic Hull and Outdrive Cleaner provides superior cleaning and stain removal abilities while mitigating the dangers of harsh chemicals. The end result is a fast working acid based cleaner that is easier to work with and safer to use when compared to other products.

### Uses:

- Safe for use on fiberglass, rubber and steel hulls.
- Cleans outdrives and propellers, when used as directed.
- Use in raw water coolant systems to remove buildup.
- Great for use in both plastic and porcelain marine toilets to clean tough waterlines.

### Features:

- **More Efficient:** Works up to twice as fast on barnacle and algae stains, when compared to the leading competitor.
- **Easier to Use and Better For the Environment:** Up to 90% less fumes when compared to other acid based cleaners.
- **Easier to Ship:** Quarts and gallons ship ORM-D.
- **Easier to Handle:** Eliminates the risk of burns to intact skin.
- **Economical:** One product - so many uses!

### BOAT Magic Description

### Order#

15 x 1 Quart Case	BHA/32
4 x 1 Gallon Case	BHA/128
5 Gallon Drum	BHA/5G
15 Gallon Drum	BHA/15G
30 Gallon Drum	BHA/30G
55 Gallon Drum	BHA/55G
275 Gallon Tote	BHA/275G

Gallon and quart cases ship via UPS and FedEx, and are classified ORM-D. BOAT Magic will not burn intact skin, but proper eye and hand protection is required. Do not allow contact with mucous membranes (eye, nose, and mouth).



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## BOAT Magic™ Hull and Outdrive Cleaner

### Description:

BOAT Magic is a muriatic acid based cleaner formulated to effectively clean marine stains from hulls, outdrives, seawater (raw water) coolant systems, toilets, and a variety of other surfaces. BOAT Magic offers the cleaning power of acids while significantly improving the overall health and safety risk profile.

### Intended Use:

#### Cleaning Fiberglass, Painted Steel, and Rubber Hulled Boats:

Unsurpassed cleaning of stains caused by prolonged exposure to brackish water. Quickly removes waterlines, scum, barnacle stains and algae stains. Safe for fiberglass, rubber and painted steel hulls. Not recommended for lightweight aluminum hulled boats.

**Cleaning Seawater (Raw Water) Coolant Systems:** Great for removing build up and stains left by barnacles and other debris collected in raw water cooling systems.

**Cleaning Marine Toilets:** BOAT Magic is a safe way to remove tough hard water stains and mineral build up from both plastic and porcelain toilets.

**Cleaning Outdrive Units:** BOAT Magic is a safe and effective cleaner for marine outdrives, when used as directed. Great for cleaning steel and aluminum outdrives and propellers to remove build up and stains caused by prolonged submersion. BOAT Magic is great for removing rust, calcium build up and hard water stains, too!

### Product Specifications:

pH Concentrate: Less than one.

Shelf Life: 5 years.

Disposal: Dispose according to all local, state, and federal regulations.

### Product Capabilities:

BOAT Magic provides superior cleaning power when compared with other marine cleaning products, while providing a safer, less noxious working environment by reducing fumes by up to 90%. Boat Magic will not cause burns to intact skin. Boat Magic is equally effective upon oxides of metal when compared with standard muriatic acid.

*BOAT Magic is not an algaecide or molluscicide and is not intended to repel or control the growth of algae or marine life.*

### Applications:

#### Cleaning Fiberglass, Painted Steel and Rubber Hulled Boats:

Protect metal surfaces, including boat trailers, by covering with plastic. Dilute BOAT Magic 1:2 with water or apply full strength using an acid resistant sprayer or natural bristle brush. Rinse thoroughly with water. Repeat as necessary to remove stubborn stains.

#### Cleaning Outdrive Units: Extreme Caution Must Be Used When Applying BOAT Magic Full Strength to Aluminum Surfaces.

Use extreme caution when applying BOAT Magic full strength to outdrive components as prolonged exposure of aluminum surfaces to BOAT Magic may cause a reaction. Test an inconspicuous area prior to use. Dilute BOAT Magic 1:2 with water and apply with acid resistant sprayer or natural bristle brush. Apply full strength at user's discretion for removal of difficult stains. User assumes all risk.

**Cleaning Seawater (Raw Water) Coolant Systems:** Prepare neutralization solution in advance by dissolving 3 - 4 ounces of sodium bicarbonate (baking soda) per 1 gallon water. Dilute BOAT Magic 1:10 with water. Flush system with BOAT Magic solution and re-circulate as needed. Once desired result is obtained, flush with water, then neutralization solution, then flush again with clean water.

**Cleaning Porcelain or Plastic Marine Toilets, Sinks, and Tiles:** Add 1 part BOAT Magic to 4 parts water or desired strength. Avoid using on aluminum or metal-plated surfaces as discoloration may occur.

### Use Precautions:

Contains hydrochloric acid. Keep out of sun and away from heat. BOAT Magic is not recommended for use on lightweight aluminum hulled boats. May cause severe burns on contact with eyes and mucous membranes. Avoid possible vapors. Always provide active ventilation when working with BOAT Magic. Use of an acid vapor respirator may be necessary in enclosed areas. Do not take internally. Keep container closed.

For specific technical and safety information, including MSDS, please visit the Certol website:

<http://www.certol.com/pdf/Industrial%20MSDS/BoatMagicMSDS.pdf>

### AVOID CONTACT WITH VEGETATION AND PROLONGED EXPOSURE TO CONCRETE:

BOAT Magic has a low pH and will lower the pH of soil, causing damage to vegetation. Divert product from all plant life. If accidental contact occurs, flood with water and consult plant care specialist. BOAT Magic is reactive with concrete and prolonged exposure of BOAT Magic may etch concrete. Use BOAT Magic according to instructions.

## BOAT Magic is the best choice for boats and people, too!

