

MA2000
CODE: CM002

DESCRIPTION: CROSSCO MARINE - Muriatic Acid cleaner is a powerful chemical cleaner designed for boating and yacht maintenance. This formula will react with insoluble carbonates, iron hydroxides and oxides to form a soluble salts that can be easily washed away. This product will also destroy the bond between scale forming materials being calcium, magnesium, sulphates, and other organic compounds such as grease.

RECOMMENDED USES: CROSSCO – A commercial strength, fast acting, acid hull cleaner that quickly removes the waterline, scum, algae, lime, scale, rust and chalking with very little effort and leaves you with a clean boat hull. This formula also safe to flush cooling systems (A/C Lines).

ADVANTAGES:

- Gel Coat Restorer
- Stains Remover
- Removes Shell Marks
- Efflorescence remover
- Fast Acting Formula
- Declogs Drains

PRODUCT CHARACTERISTICS

Muriatic Acid (HCl), %wt	31.5% To 33%
Specific Gravity @ 60 Deg	1.16 To 1.167
Appearance	1.16 To 1.167
Color, APHA	10 Maximum
Baume Grades	18 -20
PHYSICAL PROPERTIES	
#/Gallon	9.34
Flash Point	N/A
Appearance & Odor	Colorless to slightly yellow liquid. No odor.
Physical State	Liquid
Stability	Stable
Conditions to Avoid	Reacts exothermically with water.
Incompatibility	Oxidizers, metals, alkalis, cyanides
Hazardous Decomposition	Reacts with metals to form hydrogen gas.
Polymerization - Conditions to Avoid	Will not occur-None.
Unusual Fire & Explosion Hazards	Cool containers exposed to intense heat with water to prevent container rupture. Reacts violently with water.

MA-2000 Code: CM002

GENERAL PRODUCT INFORMATION

SPECIFICATIONS

SAFETY INFORMATION

Directions for working with Marine Muriatic Acid Cleaner: Wear protective clothing, rubber gloves and plastic safety glasses while using.

Designed as an aggressive, one step, brush on, spray off acid hull cleaner that dissolves deposits and gives you the best economy when pulling boats out for storage and detailing.

To clean hull: Dilute to desired strength by adding acid carefully to water, avoid splashing. Start with a highly diluted mixture and strengthen gradually (1 part acid to 10 parts water). Apply solution. Bubbling indicates solution is strong enough. For tough build up use a Boat Brush for cleaning hulls. Flush thoroughly with clean water and immediately after cleaning or etching is complete.

CAUTION: Test on areas other than gelcoated fiberglass before full application. Not recommended for glass, fabrics, and certain plastics, decals and metals. This is a commercial strength product that must be used with care.

Be sure to wash hull with CROSSCO Boat Wash & Shine followed by a coat of a high performance Boat Wax to your clean boat hull for the ultimate shine and protection.

Keep acid away from other chemicals, and never mix acid with any other chemicals. Mixed with Chlorine, and you can create a very dangerous mustard gas.

Muriatic acid must be used with EXTREME CAUTION!! Contact with the eyes, for example, can cause irreversible damage and permanent blindness. Contact with the skin even for a few moments can cause severe burns.

Refer to product Material Safety Data Sheet (MSDS) prior to product use.

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published instructions are subject to change without prior notice.

AVAILABILITY

CM002-1	55 GAL
CM002-2	5 GAL
CM002-2	4/ 1 GAL