



AVAILABLE IN 1 GAL. & 5 GAL. JUGS;
4x1 GAL. CASES; 30 GAL. & 55 GAL.
DRUMS; & 330 GAL. TOTES



THE RYDLYME MARINE ADVANTAGE

- BIODEGRADABLE!
- NON-CORROSIVE
- NON-HAZARDOUS!
- HOLD IN OPEN HAND!
- CLEAN IN PLACE!
- FAST-ACTING!
- SAFE ON METALS & MATERIALS FOUND ON WATER-OPERATED EQUIPMENT!

THE DESCALER OF CHOICE!

RYDLYME Marine is an innovative biodegradable descaler designed for the maritime industry to improve the performance of vital water systems by safely dissolving deposits, such as:

- Water Scale/Calcium
- Lime Scale
- Mussels
- Rust
- Barnacles
- Tiger Shells

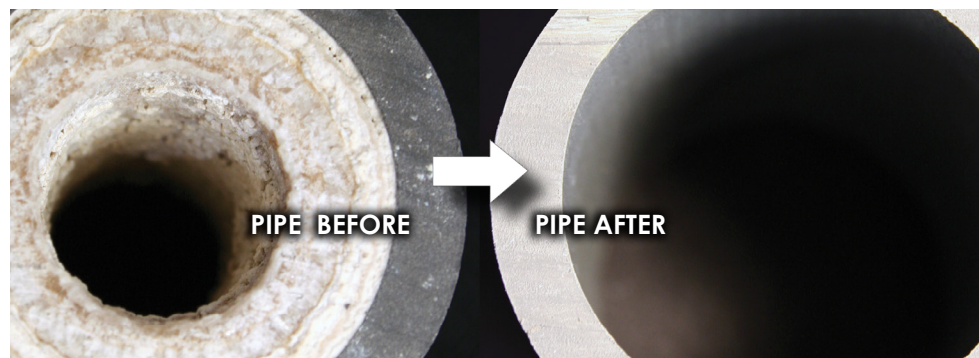
Clean-In-Place To Save Time & Money!

From workboats to cruise ships, commercial marine vessels are relied upon heavily to do vital tasks. Significant downtime for maintenance or repair can not only be costly, but also detrimental to a company or even a Coast Guard fleet. With **RYDLYME Marine**, there is no need for time consuming and costly removal of equipment, such as coolers, tube bundles, piping systems & condensers. Simply circulate **RYDLYME Marine** throughout the system, flush with water and head back out to sea!

Biodegradable & Safe to Handle!

RYDLYME Marine is non-toxic and non-hazardous! Unlike other chemical descalers and traditional harsh acids, **RYDLYME Marine** can be safely handled by personnel -- **you can even hold it in your bare hand without injury!**

There are no waste disposal issues as it is non-toxic and truly biodegradable even without neutralization! **RYDLYME Marine** can be safely disposed through normal sewer systems, and in some cases, into the sea! **RYDLYME Marine** is a highly concentrated formula that should be diluted and bulk containers are available!



RYDLYME MARINE IS SAFE ON...

IRON • STEEL • COPPER • COPPER NICKEL • TITANIUM
STAINLESS STEEL • FIBERGLASS • GELCOATS • BRONZE
RUBBER • PLASTIC • PAINTED SURFACES • AND MORE!

RYDLYME MARINE APPLICATIONS

- Boilers
- Condensers
- Keel Coolers
- Tube Bundles
- Bow Thrusters
- Engine Cooling Systems
- Heat Exchangers
- Air Conditioning
- Main And Aux Sea Water Systems
- And Much More!

Case Study

LNG VESSEL USES BIODEGRADABLE RYDLYME MARINE

As the sea water temperatures increase during the summer months (33° C), the sea water side prohibits cooling transfer of the vaporizers (6 total) on this large LNG vessel which became heavily fouled. It was decided that the best plan of action would be to clean each of the vaporizers individually by pumping **RYDLYME Marine** in the bottom in and out of the top. The **RYDLYME Marine** & water solution was circulated via an on board pump.



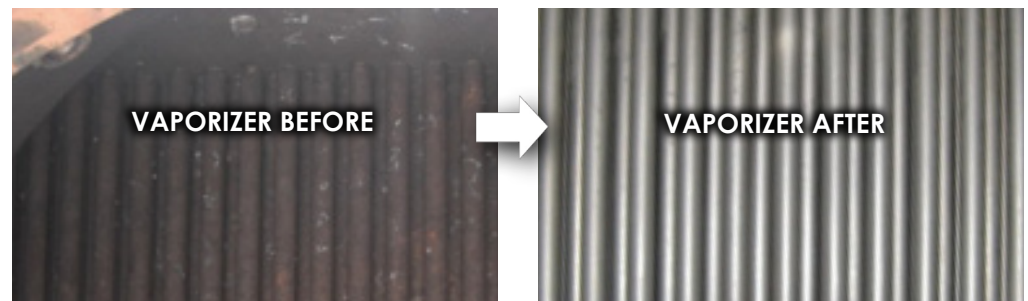
RYDLYME Marine approach

To begin, 1700 gallons of **RYDLYME Marine** was pumped into the vaporizer, the remaining shell side was filled with water. The **RYDLYME Marine** & water solution was circulated via a pneumatic pump for 8 hours. Once this was completed, the customer cleaned the remaining 5 vaporizers.

RYDLYME Marine results

RYDLYME Marine was able to completely dissolve the mineral deposits throughout, improving its operating efficiency and overall cleanliness. As stated in the **RYDLYME Marine** SDS - expended or used material may be disposed of down sewer with water flush - material is biodegradable even as received!

For a detailed procedure, please contact a **RYDLYME Marine** technician!



An ISO 9001 Certified Company

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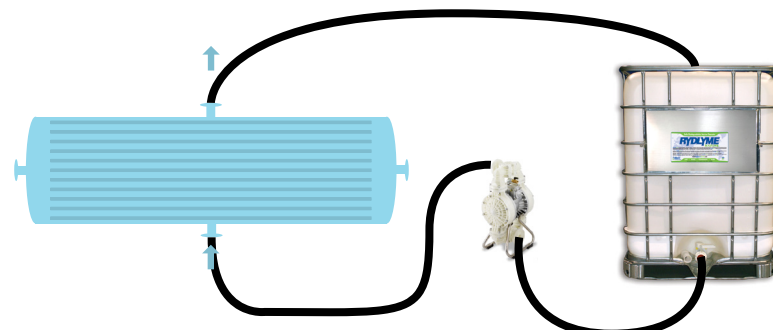


Diagram is not drawn to scale...

For more technical information or availability, contact your local **RYDLYME Marine** representative or distributor.