



Material Compatibility

RYDLYME Marine is compatible with aluminum and aluminum alloys. The rule of thumb is that if the alloy is designed for use in a water system (aluminum engine block etc), which most marine equipment is, the alloy should be compatible with **RYDLYME Marine**. **RYDLYME Marine** will not corrode, pit or damage the aluminum. **RYDLYME Marine** will not be compatible with some cast aluminums when 100% solution is used for long exposure times.

Other metals **RYDLYME Marine** is compatible with, but not limited to, the following materials:

- iron
- HDPE
- copper
- ceramic
- gelcoats
- hasteloy
- fiberglass
- copper nickel
- PVC
- steel
- Teflon
- plastic
- titanium
- stainless steel
- painted surfaces
- rubber (seals/gaskets)

RYDLYME Marine has an added proprietary buffer and additional additives to protect the softer materials utilized throughout the global marine industry.

RYDLYME Marine will corrode and pit magnesium anodes and zinc anodes. When doing a cleaning, you need to remove magnesium and/or zinc anodes prior to cleaning or replace them after cleaning.

RYDLYME Marine is an electrolyte, as are most cleaning agents. An electrolyte is any liquid that will transfer small electrical currents. Examples: salt water, vinegar, Coca-Cola. This means a transfer of small amounts of one metal onto another metal. In some instances, a thin coating of copper may be plated onto a steel drum while circulating an electrolyte such as **RYDLYME Marine**. The only time plating occurs is when two dissimilar metals are in an electrolyte solution.