

DESCRIPTION

HOLDBRITE MURIMAX is one of Drew Marine's suite of HOLDBRITE products offered specifically for cargo hold cleaning and maintenance on dry bulk carriers. HOLDBRITE MURIMAX is a strong hydrochloric acid-based cleaner that is formulated to remove residues or stains caused by cement, cement clinkers, lime, lime wash, bauxite and iron ore stains, mineral deposits, limestone, or other similar deposits on cargo hold surfaces, external surfaces, and articles. Recommended uses for HOLDBRITE MURIMAX include cargo holds, decks, and surrounding loading areas.

HOLDBRITE MURIMAX meets the criteria for not being harmful to the marine environment according to MARPOL Annex V. It can be applied to metal surfaces and parts except for aluminum, zinc, tin, and their alloys.

APPLICATION & USE

Sweep and muck out remaining cargo deposits prior to application of HOLDBRITE MURIMAX. Avoid using water of any type to prewash the surfaces.

Prepare 1-2 samples (70:30, 50:50) with HOLDBRITE MURIMAX and fresh water and perform small spot tests to determine the most suitable dilution. Always add acid to water when making the dilution. Never add water to acid. Once the dilution has been determined, apply the product starting from the lower levels of the hold, gradually moving to the upper levels.

Ensure the applied chemical is allowed to react for 10- 20 minutes before rinsing, depending on the environment conditions (temperature – humidity). Do not allow the chemical to dry out. Rinse using water under high pressure.

To enhance the effectiveness of the product, it is highly recommended to use fresh water. If seawater was used to clean the hold, fresh water should be used for the final rinse to remove corrosive, contaminating salt residues. Note that heavy residues may require a repeat cleaning per the above procedure.

Avoid pumping the rinse water from the cargo holds through the vessel's built-in bilge pumps.

TYPICAL PHYSICAL PROPERTIES

Appearance:	Clear to yellowish liquid
Odor:	Pungent/fumes
Flash Point:	None
pH (neat):	< 1
Density at 20°C:	1.15 ± 0.05 kg/cm ³

NOTE: Always wear the appropriate personal protective equipment when using this product.

PACKAGING

HOLDBRITE MURIMAX is available 200-liter drums (PCN 9102427).

IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.

FEATURES

- Concentrated formula
- Powerful acid
- Water soluble
- Non-flammable

BENEFITS

- Cost effective
- Removes cement, limewash, bauxite residues quickly
- Quick vessel turnaround



Contact your Drew Marine representative for more information



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