

## DESCRIPTION

HOLDBRITE XF is one of Drew Marine's suite of HOLDBRITE products offered specifically for cargo hold cleaning and maintenance on dry bulk carriers. HOLDBRITE XF extra foaming alkaline cleaner is highly effective in removing dry cargo residues remaining on the surfaces of cargo holds. HOLDBRITE XF is suitable for removing residues caused by pet coke, coal, oily cargoes, and general dirt and grime.

HOLDBRITE XF is compatible with coatings, and it meets the criteria for not being harmful to the marine environment according to MARPOL Annex V. HOLDBRITE XF can be applied to most 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 XF. Avoid using water of any type to prewash the surfaces.

Prepare 1-2 samples (70:30, 50:50) with HOLDBRITE XF and fresh water and perform small spot tests to determine the most suitable dilution. 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.

## TYPICAL PHYSICAL PROPERTIES

Appearance:	Red liquid
Odor:	Soft
pH (neat):	14.0
Density at 20°C:	1.09 g/cm <sup>3</sup>
Solubility:	Soluble in water

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

## PACKAGING

HOLDBRITE XF is available in 200-liter drums (PCN 9100421).

## 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

- Contains a foaming agent
- Concentrated
- Water soluble
- Contains biodegradable ingredients

## BENEFITS

- Versatile heavy-duty cleaner
- Enhanced foaming enables longer contact time on hold surfaces
- Less impact on end user and environment
- Cost effective
- MARPOL Annex V compliant



Contact your Drew Marine representative for more information

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