## THE TOTAL SOLUTION FOR HOLDCLEANING



Efficient Hold cleaning increases flexibility & earnings and reduces costs, off hire and cargo claims. Hold cleaning requires adequate pre-planning, efficient cleaning chemicals and innovative cleaning equipment to get the job done.

## **CLEANING CHEMICALS**

The use of specialized cleaning chemicals, barrier coatings and quality equipment will greatly contribute to the process of thorough and effective cleaning of your holds therefor aiding in decreasing port turnaround times, costs and earnings. Our chemicals, innovative barrier coatings and hold cleaning kits have been carefully selected and tested together with our clients and partners to meet the highest quality standards and will perform even under the most difficult circumstances.

## SERVICES

Marine Care provides expert advice, efficient procedures and supercargoes. We can assist with pre-planning, advise or full onboard cleaning operation including workers and cherry pickers at designated ports.

Careclean Alkaline	Potassium hydroxide based, high foaming alkaline cleaner for cleaning Ores & Minerals, Coal, Petcoke, Pencil Pitch & Feedstock.
Careclean Alkaline Extra	Sodium hydroxide based, high foaming alkaline cleaner for cleaning Ores & Minerals, Coal, Petcoke, Pencil Pitch & feedstock.
Careclean Cement Remover	Hydrochloric Acid based cleaner for removal of cement residues & clinkers.
Careclean Multiclean	High foaming detergent for general purpose cleaning on zinc-silicate based coatings .
Careclean Rust	Phosphoric acid based cleaner for the removal of rust stains, bauxite & iron ore type cargoes.
Careclean SC	Non caustic mild alkaline cleaner safe for the crew for removal of Ores & Minerals, Coal, Petcoke, Pencil Pitch & feedstock from zinc-silicate based coatings.
GreenCare Cement Remover	Powerful cement remover replacing traditional hydrochloric acid based cleaners for removal of cement residues & clinkers. HMIS triple zero.
GreenCare Holdclean	Strong hold wash for removal of petroleum based oils and residues such as ores & minerals and coal. HMIS triple zero.
GreenCare Rust Remover	Strong cleaner for removal of rust stains, bauxite & iron ore type cargoes. HMIS triple zero.
Carecoat Barrier	Intermediate coating against staining, contamination and corrosion of cargo holds
Raw Materials	Besides blended cleaning chemicals, we supply raw materials such as but not limited to Hydrochloric Acid, Oxalic Acid, Sodium Hypochlorite, etc.

All our supplied chemicals are IMO approved & comply with the set Marpol MEPC 63/23/add. 1, Annex 24 resolution MEPC. 219(63) - Annex V - 2012 guidelines adopted March 2012. In addition the GreenCare line is US-EPA & HOCNF approved.

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## HOLDCI FANING