Wilhelmsen Ships Service

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BALLASTGUARD CIP CLEANER 25 LTR

Product group: **651** Product number: **779210**

High-Performance Cleaning Solution for Superior Scale and Rust Removal

BALLASTGUARD CIP CLEANER is an effective cleaning product formulated with specialised dispersants and citric acid. Designed to effectively remove scale and iron rust, this high-performance cleaner is ideal for Ballast Water System cleaning-in-place (CIP), prefilter/filter cleaning, and other related applications.

Product information

Why Choose BALLASTGUARD CIP CLEANER?

Choosing BALLASTGUARD CIP CLEANER ensures effective and safe cleaning, making it an ideal choice for maintaining your ballast water systems. This powerful cleaner is environmentally friendly and easy to handle, providing peace of mind during use.

Its versatile application means it can tackle a wide range of cleaning tasks, whether automated or manual, offering flexibility in your operations. Additionally, its efficient liquid formulation provides long-term savings, making it a cost-effective solution.

Invest in BALLASTGUARD CIP CLEANER today to experience superior cleaning performance keeping your ballast water systems and filters in top condition.

Features

High Performance: Citric acid-based scale remover with enhanced dispersing performance. Low Foaming: Formulation ensures minimal foam during cleaning. Versatile Use: Suitable for CIP cleaning of both Ballast Water UV and Electro-chlorination systems, as well as filter/prefilter cleaning. Manual Cleaning: Can also be used for manual cleaning tasks. Cost-Effective: Supplied as a liquid in 25L containers, offering ease of use and storage.

Benefits

Superior Cleaning Action: Effectively removes scale and metal oxides, ensuring thorough cleaning. Enhanced Solubility: Improved solubility and dispersing activity reduce precipitation and redeposition. Safer Handling: Less hasardous compared to strong acids like sulfuric and hydrochloric acid-based cleaners. User-Friendly: Easier to use than solid products, eliminating solubility-related issues.

Specification

General

Invent Hazard Material (IMO/EU) classification	C-34

Physical properties

Appearance	Clear/Light Yellow
Density [g/ml]	1.13
Form	Liquid
pH	1 to 2

Approvals

This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V and may be discharged into the sea when used to clean cargo holds and external surfaces on ships.

Documents

Direct access to the Environmental Product Declaration (EPD) for this product

SDoC and MD for IHM

Directions for use

A. Filter Element/Prefilter

I. Preparation:

1. Prepare BallastGuard CIP Cleaner at 1:20 ratio (1L: 20L Demin/Distilled/RO grade water/potable water)

2. The pH value will be app. pH 2 ~ 3

3. Use pH paper or pH pen to measure on the solution prepared

4. Pre-rinse the filter to remove any contaminant (dirt, mud, sand, shells, etc) prior using the cleaning solution for more effective cleaning.

5. Clean the screen/filter with pressure washer from the outside surface.

II. Acid Cleaning:

1. Cleaning be done by spread, dip or spray for 1 ~ 4 hours depending on the degree of scaling appearance.

2. Rinse off/spray with running hot water (at least 60°c) until complete neutralization (pH=6.5- 7.5). Check the wash water pH.

3. Blow dry the filter element/pre-filter with instrument air/compressed air.

4. Inspect the filter element externally for cleanliness.

5. If needed, repeat the cleaning step but reduce the cleaning spread, dip or spray to 30 mins

6. Note: Recommend to follow cleaning instruction from equipment OEM if available.

B. CIP Cleaning:

I. Preparation:

1. Prepare BallastGuard CIP Cleaner at 1:20 ratio (1L: 20L Demin/Distilled/RO grade water/potable water)

2. The pH value will be app. pH 2 ~ 3

3. Use pH paper or pH pen to measure on the solution prepared

II. CIP Cleaning:

1. Fill the CIP cleaning tank with the prepared cleaning solution

2. Follow CIP Cleaning instruction based on CIP Equipment package

Note: Follow cleaning instruction from equipment OEM if available

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