

ECOCLEAN

Eco-Friendly Multipurpose Cleaner

Technical Information

Physical Data

Appearance:	Pale amber liquid
Density:	1.0 g/ml at 15°C
Flash Point (PMCC):	Above 100°C
pH (10 Vol. 1%):	8
Compatibility:	Metal: Do not use with aluminum Rubber: May soften some rubber
Solubility:	Fully miscible in water
Biodegradable:	Yes

Description

ECOCLEAN is a multipurpose cleaner designed with a commitment to environmental standards. This water-based product is non-toxic, completely biodegradable, and safe for use. Its high degreasing capabilities stem from a balanced combination of natural citrus oil solvents and advanced wetting agents.

Advantages

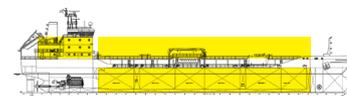
- ▶ Advanced environmentally friendly formula
- ▶ Water-based degreaser
- ▶ Non-flammable
- ▶ Non-toxic
- ▶ No risk of water pollution during disposal operations
- ▶ Compatibility with Oil/Water Separators
- ▶ Enhances a pleasant and healthy working environment
- ▶ Economical dilution rate
- ▶ Compatible with all types of tank coatings

Applications

ECOCLEAN, at various concentrations, serves a multitude of purposes. It excels in general marine cleaning and degreasing, removing greases, oils, sludges, carbon deposits, polymer compounds, general dirt and grime, as well as vegetable and animal oils and greases. It's widely used for **engine room cleaning**, encompassing degreasing, paintwork cleaning, carbon removal, soak tanks, ultrasonic cleaning, and high-pressure cleaning equipment. After use, it demulsifies in the bilges or sloptanks and is suitable for use with Oil Water Separator.

ECOCLEAN is a common choice for cargo **tank cleaning**, addressing **mineral oils, petroleum-based chemicals, hydrocarbon freeing, double bottoms, deep tanks, bilges**, and more. It's also employed for cleaning cargo tanks after carrying **vegetable, fish, and animal oils**. As a general-purpose cleaner, it's suitable for **bulkheads, decks, toilets**, and is **compatible with most plastics and vinyl**.

USAGE AREAS



Tank Cleaning and Maintenance

PACKAGING



APPROVALS



IMO APPROVED
MEPC.2 ANNEX 10

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Directions for Use

General Cleaning

ECOCLEAN can be applied where dirt, grease, and oil contaminations are present. Application methods include brushes, spray guns, ultrasonic tank systems, bath immersion, and more, either with the product undiluted or diluted up to 10% in water, depending on the contamination type and amount. In the engine room, allow slops to separate for approximately 3 hours before treatment through the oil water separator due to its separating properties.

Tank Cleaning

It's ideal for cleaning tanks containing mineral oils, edible oils, and for hydrocarbon-free purposes. For automatic tank-wash systems, directly inject the necessary solution into the BWT Line or gun-cleaner at a rate of 0.5–1 per ton, approximately. When using the recirculation method, maintain the same cleaning solution for approximately 4–5 tanks, dependent on tank capacity and existing contamination. In this case, the product concentration in water should be approximately 3%–4%.

Spot Cleaning

For spot cleaning, apply the product undiluted by spraying it onto the surface and allowing it to soak for around 30 seconds before rinsing with plenty of water. Optimal cleaning results are achieved when chemical reactions occur along with a solution heated to approximately 40–60°C. ECOCLEAN is also compatible with most tank-coat types, but it's advisable to check the pH of the paintcoat or consult us for further technical information.

Health Safety and Environment (HSE)

Uniservice Unisafe Srl have carefully developed their products to minimize the safety risks and environmental impact of using their products. However, Uniservice advises that, prior to using its products, users should read in detail the accompanying Safety Data Sheet and ensure that its products are applied within the required HSE regulations of the country in which the user operates. Best practice and safety requirements should be followed which will likely include method statements and risk assessments, together with any specific requirements of the user's own company HSE requirements.

Important Notice

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk. Product images are for reference purposes only.

Contact

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