

# UNICLEAN DRASTIC

Multi-Purpose Water Based Cleaner

## Technical Information

### Physical Data

Appearance:	Clear light yellow liquid with a mild, non-petroleum odor.
Specific gravity:	1.07
pH undiluted:	12.9
pH 10% sol. in seawater:	9
Solubility:	Completely soluble in both fresh and seawater.
Flash point:	None

### Description

UNICLEAN DRASTIC is a versatile, water-based, non-caustic cleaning and degreasing agent meticulously formulated to meet the stringent requirements of the marine industry. It is based on cutting-edge, highly potent biodegradable surface-active and emulsifying agents. UNICLEAN DRASTIC's formulation includes fatty-alcohol-ethoxylates, metasilicates, and complexing agents. It performs admirably in both hard and soft water and can be employed at room temperature or with hot water. This cleaner excels at removing soot and tackling the demanding task of cleaning heavily soiled tanks after the transport of petroleum products and mineral oils.

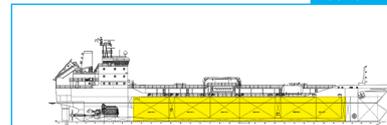
### Product Characteristics and Advantages

- ▶ Non-flammable.
- ▶ Leaves no film in the tanks.
- ▶ Completely soluble in water.
- ▶ Suitable for use in both seawater and freshwater.
- ▶ Easy to apply.
- ▶ Free from objectionable odors.
- ▶ Low toxicity: Does not contain ethoxylated nonylphenol (NF).
- ▶ Biodegradable and environmentally friendly.
- ▶ Does not contribute to pollution.
- ▶ Economical and cost-effective.
- ▶ Exhibits a highly effective cleaning action.
- ▶ Requires no special handling or storage conditions.

### Application

UNICLEAN DRASTIC is a versatile cleaner suitable for various applications. It is particularly well-suited for machine cleaning and high-pressure spray guns. This cleaner excels at cleaning bulkheads, tank tops, bilges, machinery, engines, tools, kitchens, galleys, and more. Before using UNICLEAN DRASTIC, ensure that tanks and lines are thoroughly stripped and drained. Effective pre-cleaning significantly reduces the amount of product needed. Rinse the tank with ambient seawater to remove any remaining cargo, directing it to the slop. Tanks that have transported drying or semi-drying oils, such as vegetable and animal fats, should be flushed, pre-washed, or moistened as soon as possible after discharge to prevent the formation of stubborn residues. A dedicated cleaning operation is

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Tank Cleaning and Maintenance

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recommended for each type of cargo. Recirculate tanks with incrementally increasing temperatures for 2-8 hours, depending on the cargo and tank size. This step is crucial for removing oily mud and residues from the coating. The pre-cleaning temperature depends on the nature of the cargo, whether it's drying, semi-drying, or non-drying, and the cargo's melting point. For tanks with zinc coatings, a more extended pre-cleaning phase at a lower temperature is highly advisable before introducing chemicals due to the porous nature of zinc linings.

### Dosage and Application Procedure

- **For general degreasing and cleaning**, apply UNICLEAN DRASTIC with a 2-10% concentration in water (from 1 to 10-50 parts of water) by brushing or swabbing. Allow the product to penetrate for approximately 5 minutes, then rinse with water to achieve a clean, film-free surface.
- **When using high-pressure spray equipment for mechanical cleaning**, apply UNICLEAN DRASTIC with a 0.5% concentration in water (1 part UNICLEAN DRASTIC to 200 parts water). After cleaning, flush the tanks with a large volume of warm seawater (2-3 hours) to remove any residual chemicals. Follow this with freshwater flushing to remove salts, and finish by mopping and drying.
- **For machine cleaning of tanks using mechanical spraying units**, inject UNICLEAN DRASTIC into the wash water supply line at a rate of 2 to 8 liters per ton of water.
- **For bilge cleaning and cleaning other contaminated areas**, dose UNICLEAN DRASTIC at a rate of 1 liter per ton of bilge capacity or water used. These recommended dosages should serve as general guidelines. The precise chemical requirements for each cleaning operation may vary depending on factors such as temperature and the nature and extent of contamination.

### Procedure for Spot Cleaning

UNICLEAN DRASTIC may be sprayed onto the bulkhead in a neat or diluted form to address areas where residues persist after tank washing. A heated dilution enhances the cleaning action. Allow the product to stand for 30 minutes before rinsing soiled areas. Avoid letting the product dry on exposed coatings. For heavily soiled areas, manual flushing with high-pressure fresh water or re-circulation is recommended. Agitation through scrubbing enhances the cleaning process, and the use of hot water further improves cleaning efficiency.

### 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

For further information, please contact your local Uniservice Unisafe sales representative or get in touch with us:

**Uniservice Unisafe** SRL  
Marine Chemicals Division  
 Via al S.N.S. della Guardia 58a  
Genoa 16162 Italy  
 (+39) 010 711 395  
 (+39) 010 713 120  
 [www.uniservicemarine.com](http://www.uniservicemarine.com)