# UniClean America

#### FEATURES AND BENIFITS

- High-foaming water-based cleaning agent.
- Ideal for cargo hold cleaning.
- Grease removing foam cleaner.
- Tank cleaner for dissolving animal fats, edible oils, and proteins in tanks.
- Can also be used as a galley cleaner or reefer cleaner or as a deodorizing wash.
- Non-flammable.
- Biodegradable.
- Does not contain nonylphenol ethoxylates or other estrogenic compounds.
- Easy to use and very economical.
- Concentrated product with low dosage rates.
- Prevents clogging of nozzles with spray equipment.
- Suitable for use on synthetic materials, rubber, hardened enamels, and most metals.
- Effective against a wide range of contaminants, including carbons, ores, minerals, dry edibles, oils, animal fats, proteins, and many others.
- Suitable for use as a multipurpose cleaner on deck, accommodation, kitchens, and engine rooms.

### UCA+ CARGOCLEAN - AQUATUFF HF/HD

#### PRODUCT DESCRIPTION:

Introducing UniClean America CARGOCLEAN - AQUATUFF HF/HD, a high-performance, eco-friendly alkaline cleaner crafted for the marine industry. This powerful agent boasts exceptional foaming capabilities, enhancing its cleaning effectiveness and maximizing contact time with residues to ensure a thoroughly cleaned cargo hold. Compatible with most paints, biodegradable, CARGOCLEAN - AQUATUFF HF/HD also serves as an effective deodorizing wash. Trust in UniClean America for a cleaner, greener marine solution.

**APPLICATIONS**: UniClean America CARGOCLEAN - AQUATUFF HF/HD is highly effective against various types of contaminants, including carbons (such as coal and pet coke), ores, minerals, dry edibles, oils, animal fats, proteins, and many others. Its primary use is for cargo hold and tank cleaning, but its strong vertical surface cleaning capabilities make it suitable for applications as a multipurpose cleaner on deck, accommodation, kitchens, and engine rooms.

#### **DIRECTIONS FOR USE:**

For various commodities and applications, use a solution as recommended below. On heavily contaminated surfaces, apply a solution or use undiluted with a brush or sponge on the object to be cleaned and soak for approximately 5 minutes. Brush in-between and then rinse with warm water. Due to the presence of hardness stabilizers, clogging of nozzles is prevented when using with spray equipment. In this case, a temperature of  $60 - 80^{\circ}$ C is recommended. For usage in foam spray, a minimum concentration of 1% is advisable.

Cargo Hold Cleaning: For dry bulk cargoes such as coal, pet coke, carbons, minerals, and ores, mix UniClean America CARGOCLEAN - AQUATUFF HF/HD in a 10-20% solution with fresh water, at a 60-80°C temperature. Allow the solution to penetrate for 30 minutes to 1 hour, or more in extreme moisture or temperature conditions.

Tank Cleaning: UniClean America CARGOCLEAN - AQUATUFF HF/HD, with its strong fat dissolving and emulsifying abilities, is highly effective against edible oils, animal fats, and proteins in tanks. For their removal with recirculation, depending on the amount and the nature of the contamination, use a 2-6% solution in hot water.



## UniClean America

General Cleaning - Deck and Engine Room: UniClean America CARGOCLEAN - AQUATUFF HF/HD can be used for various types of cleaning in the deck and engine room. It can be applied using a brush, hand spray, high-pressure washing machines, or low-pressure washing machines

Removal of Soot from Inert Gas Systems (IGS): To remove soot from Inert Gas Systems (IGS), apply UniClean America CARGOCLEAN - AQUATUFF HF/HD with a High Pressure Cleaning Machine, using a 1:4 ratio with water. If using a hand sprayer, apply the product neat on the surfaces, allowing 1 liter per 12m2. Leave the solution on the surface for 30-45 minutes, ensuring that the surface remains wet. Wash down with hot water (80°C) and check the results. Repeat the procedure if necessary.

**Properties:** The product is an alkaline fluid, suitable for use in cargo holds. It is suitable for use on synthetic materials, rubber, hardened enamels, and most metals. However, it is less suitable for use on aluminum, tin, and galvanized materials.

#### **CRUCIAL NOTICE:**

Unlock the Safety Data Sheets (SDS) for UniClean America's products—your compass for health and safety when handling our chemicals. Before diving into our products, every manager and employee must delve into these sheets to ensure a smooth sail through safe usage.

We are committed to providing precise and dependable information. Nevertheless, it's on you, the user, to wield and employ our product prudently, fully aligned with all laws and regulations. UniClean America and our suppliers don't guarantee any warranties—explicit or implied—pertaining to the product, including its marketability. This product is exclusively offered for your scrutiny and trials. This information does not extend any patents or licenses, either stated or inferred.

