

Tank Cleaning

SHERCLEAN AURIX

Next-generation biodegradable cleaning technology engineered to remove vegetable oils, animal fats, waxes, hydrocarbons, and challenging cargo residues while delivering exceptional cleaning performance across a wide range of cargo tank cleaning applications.

DESCRIPTION & APPLICATIONS :

SHERCLEAN AURIX™ is a premium non-caustic, biodegradable cargo tank cleaning and decontamination compound specifically developed for marine and industrial cleaning applications requiring exceptional cleaning performance across a broad spectrum of cargo residues. The advanced formulation combines highly effective surface-active agents, emulsifiers, and residue dispersants to remove vegetable oils, animal fats, waxes, hydrocarbons, grease, and stubborn cargo contamination from cargo tanks, pipelines, and cargo handling systems.

Designed as Sheran Chemicals' flagship multi-purpose cargo tank cleaner, SHERCLEAN AURIX™ delivers superior cleaning performance in both fresh water and seawater while remaining safe for use on stainless steel tanks, epoxy-coated tanks and zinc-coated tank surfaces. The non-caustic chemistry minimizes coating stress while providing outstanding cleaning efficiency under a wide range of operating conditions.

The product is particularly effective for cargo transitions, tank preparation, wall wash readiness, and general cargo tank decontamination programs where consistent, reliable cleaning results are required.

FEATURES & BENEFITS

- Removes vegetable and edible oils, fats, organic residues, waxes, and hydrocarbons.
- Provides excellent degreasing without residue, ideal for cargo tank cleaning, transitions, and wall-wash prep.
- Compatible with stainless steel, epoxy, zinc tanks, and most surfaces.
- Biodegradable, non-caustic, free of NPE, effective in seawater and freshwater.
- Easy to apply, economical, performs in various water types, suitable for high-pressure and recirculation cleaning.

DOSAGE & APPLICATIONS

Standard Recirculation Cleaning

Parameter	Recommendation
Temperature	Up to 65°C
Cleaning Time	2 – 8 Hours
Water Source	Fresh or Seawater

Recommended Operating Conditions

Parameter	Recommendation
Temperature	Up to 65°C
Cleaning Time	2 – 8 Hours
Water Source	Fresh or Seawater

SHERAN CHEMICAL (UAE) | SHERANHELLASCHEMICAL(Greece)

+97195013271|sales@sheran.net , Athens@sheran.net| www.sheran.net
Manufacturing & Sales: Fujairah, UAE | Athens, Greece
Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip PS ID: 14754

SHIPSERV TN-315946

RECOMMENDED CLEANING PROCEDURE

Step 1: Tank Preparation

- Ensure tanks and cargo lines are fully stripped and drained.
- Conduct pre-cleaning to reduce chemical consumption.
- Avoid overheating cargo residues.

Step 2: Initial Wash

- Flush the tank with ambient seawater to remove loose cargo residues.

Step 3: Recirculation

- Recirculate with increasing temperature for 2–8 hours.
- This helps remove oily mud, sludge and residues from coatings and steel surfaces.

Step 4: Chemical Cleaning

- Prepare a 2–5% SHERCLEAN AURIX™ solution in fresh water.
- Recirculate through the tank cleaning system for 2–8 hours.
- Best performance is achieved at temperatures up to 65°C.

Step 5: Final Rinse

- Flush with warm seawater for 2–4 hours.
- Complete final freshwater rinse to remove salts and residues.
- Dry and inspect tank surfaces.

TYPICAL PROPERTIES

Property	Typical Value
Appearance	Liquid
Colour	Yellow / Brown
Odour	Weak
pH	8.5 – 9.5
Density @ 25°C	1.015 g/cm³
Water Solubility	Completely Soluble
Flammability	Non-Flammable
Biodegradability	Biodegradable

SHELF LIFE

24 Months from date of manufacture when stored in unopened original containers under recommended storage conditions.

STANDARD PACKING

25 L HDPE Cans
200 L HDPE Drums

STORAGE & HANDLING

Store in original tightly closed containers in a cool, dry, and well-ventilated area away from direct sunlight. Protect from freezing temperatures. Follow good industrial hygiene practices during use and consult the latest Safety Data Sheet (SDS) for detailed handling and safety information.

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