

Tank Cleaning.

SHERCLEAN SC

High-performance non-caustic alkaline cleaner for NLS cargo tanks, petroleum residues, vegetable oils, and soot deposits requiring rapid turnaround.

DESCRIPTION & APPLICATIONS:

A water-based, non-caustic alkaline cargo tank cleaner formulated to remove petroleum residues, mineral oils, vegetable oils, animal fats, soot, and other difficult cargo contaminants from cargo tanks and cargo handling systems. Its advanced blend of biodegradable surfactants, emulsifiers, metasilicates, and complexing agents provides effective cleaning under a wide range of operating conditions.Designed for NLS cargo tank cleaning, SHERCLEAN SC performs efficiently in both hard and soft water and at ambient or elevated temperatures. It rapidly penetrates and disperses oily deposits, leaving tank surfaces clean and residue-free.The product is particularly effective after the carriage of petroleum products, mineral oils, vegetable oils, and other challenging organic cargoes, while also delivering excellent soot removal for tanks requiring high cleanliness standards.

FEATURES & BENEFITS:

- Removes petroleum, oils, fats, soot, and oily films from NLS cargo systems.
- Non-caustic alkaline formula with biodegradable surfactants leaves no residual film.
- Operates efficiently in fresh water, seawater, and hard or soft water.
- Non-flammable; suitable for recirculation, spray, or spot cleaning, especially when heated.
- Economical formula lowers consumption and cuts operating costs.
- Water-based, biodegradable, and free from ethoxylated nonylphenol (NF).

RECOMMENDED DOSAGE:

Circulation Cleaning

Degree of Contamination	Dosage
Light Contamination	0.50%
Moderate Contamination	1.00%
Heavy Contamination	2.00%

Operating Conditions

Parameter	Recommendation
Cleaning Time	2-8 Hours
Maximum Efficiency Temperature	65°C
Water Type	Fresh Water Preferred

SHERAN CHEMICAL (UAE) |SHERAN HELLAS CHEMICAL (Greece)

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip PS ID: 14754

SHIPSERV TN-315946

ISO 9001:2015 CERTIFIED COMPANY

CLEANING PROCEDURRE:

Pre Cleaning

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

Vegitable Oil & Animal Fats

For drying & semi drying oils:

- Prewash immediately after discharge.
- Use suitable temperatures based on cargo characteristics.
- Zinc-lined surfaces require extended low-temperature pre-cleaning.

Recicuation Method

- Pre-flush tanks with ambient seawater.
- Recirculate with increasing temperature for 2-8 hours.
- Inject 0.5-2% SHERCLEAN SC solution.
- Continue recirculation washing for 2-8 hours.
- Rinse with warm seawater for 2-3 hours.
- Complete fresh water rinse, dry and inspect.

Spot Cleaning

- Apply it neat or diluted, directly to affected areas.
- Allow contact time of 10-30 minutes.
- Flush using high-pressure fresh water.
- Repeat if required.

COMPATIBILITY

Suitable for carbon steel and epoxy-coated cargo tanks, marine tank cleaning systems, and cargo pipelines handling petroleum cargo residues and related hydrocarbon contamination.

Not Recommended For:

- Zinc coatings.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Liquid
Colour	Yellow
Odour	Weak
Density @ 25°C	1.078 g/cm³
pH (Concentrate)	13
pH (5% Solution)	11.8
pH (1% Solution)	10.7
Water Solubility	Completely Soluble
Flash Point	Non-Flammable

STORAGE AND HANDLING:

Store in tightly closed containers in a cool, dry, ventilated place. See the latest SDS for safety details.

SHELF LIFE:

24 Months from date of manufacture when stored under recommended storage conditions.

STANDARD PACKING:

25 L HDPE Cans & 200 L HDPE Drums.

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