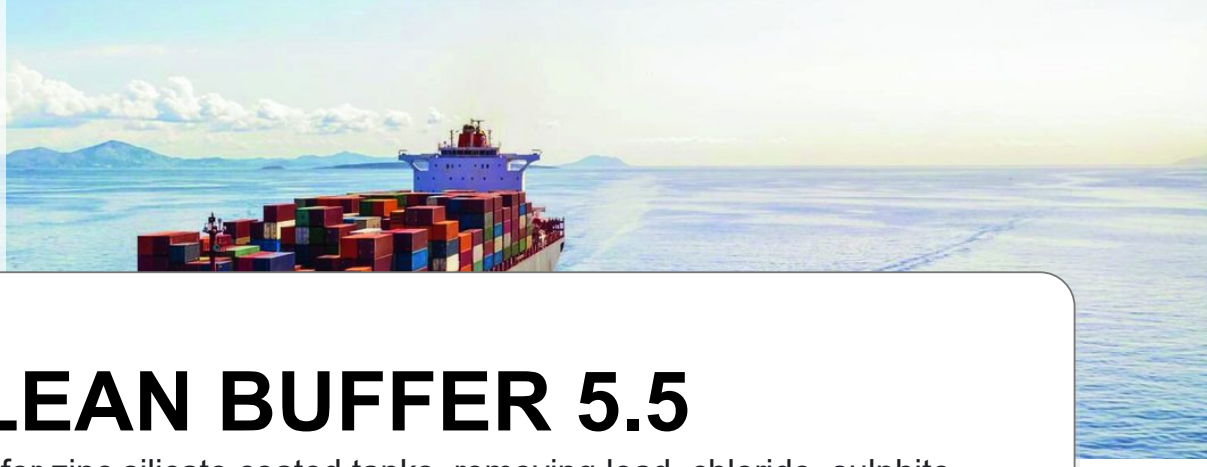
SHERAN CHEMICALS



Tank Cleaning.

SHERCLEAN BUFFER 5.5

Specially formulated for zinc silicate coated tanks, removing lead, chloride, sulphite, hydrocarbon residues, and other contaminants prior to loading contamination-sensitive cargoes.

DESCRIPTION & APPLICATIONS:

a specialized weak-acid tank cleaning and surface conditioning treatment designed for the final cleaning and decontamination of zinc silicate coated cargo tanks. Its buffered formulation effectively removes lead contamination, chlorides, sulfites, hydrocarbons, and other residues while maintaining a coating-safe pH of approximately 5.5. The product is ideal for achieving the high cleanliness standards required for chemical cargoes, high-purity products, and other contamination-sensitive applications. It provides an effective final conditioning step where detergent cleaning alone may be insufficient. Particularly effective after the carriage of leaded gasoline and similar cargoes, SHERCLEAN BUFFER 5.5 helps prepare tanks for demanding loading requirements while reducing cleaning time and labor.

FEATURES & BENEFITS:

- Specifically formulated for zinc silicate coated cargo tanks, with a buffered pH of 5.5 to minimize coating damage during cleaning.
- Safely removes lead contamination, chlorides, sulphites, and residual hydrocarbon traces from tank surfaces.
- Ideal as a final conditioning treatment for preparing tanks for high-purity chemicals and contamination-sensitive cargoes.
- Water-based and non-flammable formulation ensures safe handling and easy application onboard.
- Reduces overall tank cleaning time while delivering an economical and effective decontamination solution.

RECOMMENDED DOSAGE:

Handy Spray Method

Step	Procedure
1	Apply undiluted product directly onto tank surfaces
2	Allow approximately 1 hour contact time
3	Repeat treatment twice
4	Perform final fresh water rinse for approximately 1 hour

This method is particularly suitable for local treatment and difficult access areas.

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

RECIRCULATION CLEANING METHOD:

Parameter	Recommended Value
SHERLEAN BUFFER 5.5 Concentration	10%
Final Solution Volume	1% of Tank Capacity
Cleaning Temperature	20°C - 70°C
Circulation Time	2 - 6 Hours

Procedure:

- Prepare a 10% solution in the mixing tank.
- Heat the solution where practical.
- Circulate through the tank washing system.
- Recycle the cleaning solution back to the mixing tank.
- Continue circulation for 2-6 hours.

One prepared solution is generally sufficient to clean approximately 2-3 tanks under normal conditions.

FINAL RINSING REQUIREMENT:

Critical Cleaning Step

For tanks requiring chloride-free certification or inspection:

- Perform a final rinse using chloride-free water.
- Hot water is preferred whenever available.
- Continue rinsing until cleanliness requirements are achieved.
- The final rinse is considered essential when preparing tanks for chloride-sensitive cargoes.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Colourless Liquid
Odour	Characteristic
Chemical Type	Buffered Weak Acid
pH	5.5
Flash Point	Non-Flammable
Water Solubility	Complete
Application	Final Tank Conditioning

COMPATABILITY:

Suitable for zinc silicate coated cargo tanks, most common cargo tank metals, cargo tank washing systems, and spray or circulation cleaning programs

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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