SHERAN CHEMICALS



Cargo & Tank Cleaning.

SHERCLEAN SCALE BREAKER

HEAVY-DUTY DESCALER, RUST AND MINERAL DEPOSIT REMOVER FOR HEAT EXCHANGERS, COOLING SYSTEMS, TANKS AND INDUSTRIAL EQUIPMENT

DESCRIPTION & APPLICATIONS:

SHERCLEAN SCALE BREAKER is a powerful descaling cleaner formulated to rapidly remove lime scale, mineral deposits, rust stains, and inorganic contamination from marine and industrial equipment. Its advanced formulation dissolves calcium deposits, water scale, and oxidation residues, helping restore equipment efficiency and cleanliness.

Suitable for tanks, heat exchangers, cooling systems, pipelines, and machinery components, SHERCLEAN SCALE BREAKER provides fast, economical, and reliable descaling performance while reducing cleaning time and maintenance effort.

FEATURES & BENEFITS:

- Rapidly removes lime scale, calcium deposits, and mineral contamination.
- Effectively dissolves rust stains, oxidation products, and inorganic residues.
- Restores heat transfer efficiency in fouled equipment and systems.
- Removes white powder deposits and hard water scale.
- Cleans and brightens metal surfaces.

RECOMMENDED DOSAGE:

General Descaling

Degree of Scaling	Dosage
Light Scale Deposits	5%
Moderate Scale Deposits	10%
Heavy Scale Deposits	15%

Applications Guidelines:

Application	Dosage
Manual Cleaning	5 - 15%
Soak Cleaning	5 - 15%
Circulation Cleaning	5 - 15%

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

+971 9 501 3271 | 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

ISO 9001:2015 CERTIFIED COMPANY

OPPERATING CONDITIONS:

Parameter	Recommendation
Contact Time	Until Deposits are Dissolved
Circulation Time	As Required
Recommended Temperature	Ambient to 60°C
Water Type	Fresh Water

CLEANING PROCEDURE:

General Descaling

Dilute SHERCLEAN SCALE BREAKER with water at a concentration of 5-15% depending on the severity of scale formation. Apply the solution to the affected surfaces and allow sufficient contact time for the deposits to dissolve. Rinse thoroughly with fresh water after cleaning.

Circulation Cleaning

Prepare a 5-15% cleaning solution and circulate it through the affected system until the scale deposits have been removed. Drain the system and rinse thoroughly with fresh water following cleaning.

Manual Cleaning

Apply the solution by brush, spray, or soaking methods. Allow adequate contact time for the product to react with scale and mineral deposits before rinsing thoroughly with water.

Heavy Scaling Conditions

For severe scale build-up, higher concentrations within the recommended dosage range may be used. Elevated temperatures can improve cleaning efficiency and accelerate deposit removal. Thoroughly rinse all treated surfaces after cleaning.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Liquid
Colour	Clear to Light Amber
Odour	Characteristic
pH (Concentrate)	< 2.0
Specific Gravity @ 25°C	1.05 - 1.15
Solubility	Completely Miscible in Water
Flash Point	Non-Flammable

Typical values are provided for guidance only and should not be considered product specifications.

COMPATABILITY:

Suitable for stainless steel, copper, brass, ceramic tiles, porcelain, terrazzo, heat exchangers, cooling systems, and other acid-resistant surfaces. Carbon steel equipment may be descaled under controlled application conditions.

SHELF LIFE:

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

STORAGE & HANDLING:

Store in tightly sealed original containers in a cool, dry, and well-ventilated area away from direct sunlight.

STANDARD PACKAGING:

- 25 L Steel Drums
- 200 L Steel Drums

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