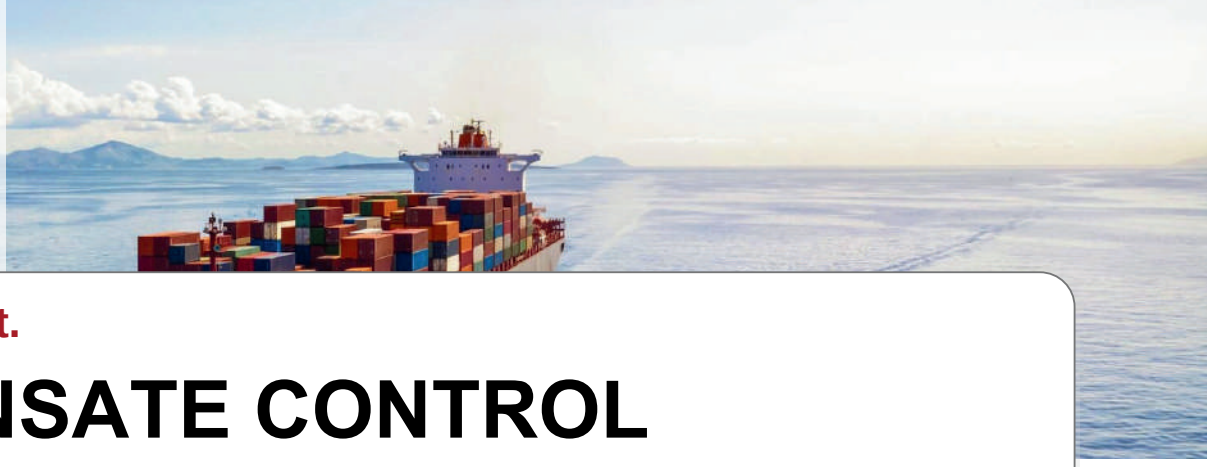
SHERAN CHEMICALS



Water Treatment.

CONDENSATE CONTROL

Advanced Steam & Condensate Conditioner Protects Steam, Condensate and Feedwater Systems Against Carbonic Acid Corrosion & Acidic Condensate Attack.

DESCRIPTION & APPLICATIONS:

A concentrated liquid treatment with neutralizing amines that easily mixes with water to protect steam, condensate, and boiler feedwater systems from carbonic acid corrosion. Its active components volatilize with steam to maintain optimal pH levels across steam and return lines, reducing maintenance and increasing reliability in marine steam systems, condensate returns, feedwater systems, low and high-pressure boilers, and idle boiler protection programs.

FEATURES & BENEFITS:

- Protects steam and condensate lines against corrosion.
- Neutralizes acidic condensate conditions.
- Carries over with steam and is recycled throughout the system.
- Protects condensate and boiler feedwater systems.
- Very economical treatment programme.
- Easy to test and control treatment levels.
- Reduces downtime and maintenance costs.
- Improves operational reliability.
- Easy-to-use liquid formulation.

DOSAGE & CONTROL PROGRAM:

Initial Dosage

System Condition	Dosage Rate
Standard Steam System	0.25 L/day per 10-ton steam system

Maintenance Dosage

Condensate pH	Dosage Adjustment
Below 8.3	Increase dosage by 25%
8.3 - 9.0	Maintain dosage
Above 9.0	Reduce dosage by 25%

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

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ISO 9001:2015 CERTIFIED COMPANY

Dosage should be adjusted based on condensate pH and the amount of dissolved carbon dioxide in the system. The product should be injected into the condensate line or feed line. Do not add directly into the cascade tank, as product losses may occur before entering the boiler.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Liquid
Odour	Amine Characteristic
Solubility	Completely Miscible in Water
pH (Neat)	Alkaline
Application	Steam & Condensate Systems

CORRECTIVE ACTIONS:

Observation	Recommended Action
Condensate pH Below 8.3	Increase CONDENSATE CONTROL dosage by 25%
Condensate pH Between 8.3 - 9.0	Treatment level satisfactory
Condensate pH Above 9.0	Reduce dosage by 25%
Signs of Condensate Corrosion	Increase treatment and inspect dosing location
Unstable Condensate pH	Increase testing frequency and adjust dosage accordingly

RECOMMENDED WATER CONTROL LIMITS:

Parameter	Recommended Range
Condensate pH	8.3 - 9.0
Boiler pH	9.5 - 11.0
P-Alkalinity	100 - 200 ppm as $CaCO_3$
Boiler Chlorides	Maximum 90 ppm
Oxygen Scavenger Residual	0.8 - 1.5 ppm

For complete boiler system protection, CONDENSATE CONTROL may be used in conjunction with:

Boiler Treat Combi
BWT One Shot
Oxygen Scavenger
Oxygen Control
Hardness Control

STORAGE AND HANDLING:

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

SHELF LIFE:

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

STANDARD PACKING:

- 25 L HDPE Containers

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