

Water Treatment.

ALKALINITY CONTROL

Boiler Water Alkalinity Conditioner for Corrosion Prevention and Scale Control
Maintains Optimum Boiler Water Alkalinity for Efficient Boiler Operation and Protection.

DESCRIPTION & APPLICATIONS:

A concentrated liquid alkaline boiler water treatment formulated to maintain proper alkalinity levels in boiler systems. The product helps prevent corrosion, supports hardness precipitation, and controls scale formation by maintaining optimal boiler water chemistry.Continuous treatment ensures stable alkalinity, which is necessary for effective boiler water treatment programs. It neutralizes acidic conditions, supports hardness control treatments, and promotes the removal of precipitated salts through routine blowdown procedures. ALKALINITY CONTROL may be used as part of a fully coordinated boiler water treatment program for boilers operating at various pressure ranges, including auxiliary boilers, package boilers, fire-tube boilers, water-tube boilers, steam-generating systems, industrial boiler plants, and marine boiler systems.

FEATURES & BENEFITS:

- Fast-acting liquid treatment for rapid alkalinity adjustment.
- Maintains boiler alkalinity within recommended control limits.
- Helps prevent corrosion caused by acidic boiler water conditions.
- Assists precipitation of calcium and magnesium hardness salts.
- Supports effective boiler blowdown operations.
- Helps control silica deposition by maintaining silica in suspension.
- Improves effectiveness of hardness control programmes.
- Easy monitoring using Sheran Boiler Water Test Kits.
- Suitable for use in low-, medium-, and high-pressure boiler systems.

DOSAGE & CONTROL PROGRAMME:

Initial Dosage

System Condition	Dosage Rate
Untreated Boiler Water	200 mL per Ton of Water

Maintenance Dosage

Adjust dosage to maintain the recommended alkalinity limits. Regular monitoring and blowdown practices should be followed to ensure optimum boiler performance.

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

RECOMMENDED WATER CONTROL LIMITS:

Parameter	Recommended Range
P-Alkalinity (0-30 bar Boilers)	100 – 150 ppm
P-Alkalinity (30-60 bar Boilers)	100 – 120 ppm
M-Alkalinity	Less than 2 × P-Alkalinity

Analysis should be performed routinely using SHERAN Boiler Water Test Kits.

TREATMENT PROGRAMME COMPATIBILITY:

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

- Oxygen Scavenger
- Hardness Control
- Sludge Conditioner
- Condensate Control
- Coordinated Boiler Water Treatment Programs.

STORAGE AND HANDLING:

- Store in original tightly closed containers.
- Protect from excessive heat and direct sunlight.
- Keep container sealed when not in use.
- Follow standard industrial chemical handling procedures.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Alkaline Liquid
Odour	Mild Characteristic
Solubility	Completely Miscible in Water
Application	Boiler Water Alkalinity Control
Dosing Method	By-pass Feeder or Direct Boiler Dosing

SHELF LIFE:

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

STANDARD PACKING:

- 25 L HDPE Can

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