

**OXYCONTROL™**

DESCRIPTION

OXYCONTROL is a liquid catalyst compound which reacts instantly with dissolved Oxygen in water thus protecting the boiler from Oxygen corrosion. The highly efficient results achieved, are based on its reaction time and its ability to bind, to absorb and to counteract the dissolved Oxygen, even at low temperatures.

Additionally, **OXYCONTROL** is applicable to all steam generating and water systems, when the neutralizing of dissolved carbon dioxide is required.

ADVANTAGES AND CHARACTERISTICS

- ◆ Protects against Oxygen corrosion and can be used at low temperatures.
- ◆ Very efficient and rapid Oxygen scavenger.
- ◆ Can be used in combination with a number of other treatment products.
- ◆ Safe to use on any steam generators and steam boilers experiencing dissolved Oxygen saturation.
- ◆ Cost effective, easy to handle and apply.

PHYSICAL PROPERTIES

OXYCONTROL is a concentrated liquid sulfite compound with a specialized catalyst for Oxygen binding.

Appearance/Color : Clear, colorless liquid

Odor : Odorless

Specific gravity : 1.08–1.10 gr/cm³ at 20°C

pH value : 9.0–10.0

PACKAGING

Order Number : 673008 (30 ltrs)

Container : Plastic jerrican

APPLICATION AND USE

A. Dosing Procedure

Initially, a volume of 1.2litres per ton of the boiler's water must be used for a period of 48 hours. Thereafter, a dose of 300ml per ton of make-up water is sufficient to use on a daily basis. However, daily test results should be taken into account prior to regulating treatment.

B. Sampling and Testing

To achieve optimal results, it is important to adjust the treated water and maintain boiler conditions by testing water samples on a daily basis or at the very least, every three days with the **MARICHEM WT SULFI TEST KIT**, depending on the adjustment period to maintain stable sulfite concentrations in the boiler's water.

The water samples must always be taken from the same location, as provided from the boiler manufacturer. Sound practice suggests sample to be cooled via a sample cooler. Thereafter, the results may be evaluated according to the **OXYCONTROL TESTING CHART** found below.

C. Feeding Procedure

OXYCONTROL must be fed into the boiler's feed pump suction line or into the hot well tank, continuously, by means of a metering pump. Other conventional ways may also be used. However, direct feeding to the boiler is strongly not recommended.

OXYCONTROL TESTING CHART

Boiler Pressure	OXYCONTROL Range in ppm as Sulfite ions		
	0–20	20–30	30 and over
0–450 PSI	0–10	10–15	15 and over
450–850 PSI	Increase Dosage 25%	Satisfactory Daily Rate	Decrease Dosage 25%

**MARICHEM®**

! SAFETY AND HANDLING

HANDLING	Handle with care. Store in a dry, cool and well ventilated environment.
SAFETY	IMMEDIATE ACTIONS
Eye Contact	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
Skin Contact	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
Inhalation	Avoid inhalation of vapors. Otherwise, seek fresh air source at once. Seek medical attention.
If Swallowed	Avoid ingestion. Otherwise, consume a considerable quantity of water. Seek medical attention.
GENERAL INSTRUCTIONS	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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