

TECHNICAL DATA SHEET

VIRA BASPAR BARTAR Company

Address: 2nd floor, No.24, 5th Razmandegan Alley, Razmandegan St., Shahrood, Iran.

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VIRA BOX-2727



Boiler Oxygen Scavenger

PRODUCT DESCRIPTION

VIRA BOX-2727 offers scavenger activity against oxygen in boiler systems. It is also extremely effective at controlling the O₂ corrosion by removing oxygen from system. Product name is Sodium sulfite; Sodium sulphite; Sulfurous acid; disodium salt; exsiccated sodium sulfite. Corrosion by oxygen in the boiler can be controlled by the addition of VIRA BOX-2727 oxygen scavenger. VIRA BOX-2727 react with oxygen at lower temperatures and pressures. VIRA BOX-2727 is most active for lower and medium pressure boilers [up to 900 psig].

PRODUCT APPLICATION

VIRA BOX-2727 is an operative oxygen scavenger to be used in boiler systems. These product gives brilliant protection from O₂ corrosion. VIRA BOX-2727 complete oxygen removal under boiler systems.

PHYSICAL AND CHEMICAL PROPERTIES

Form:	Crystalline powder
Color:	White/off-white
Odor:	Slight
Molecular weight:	126.04
pH:	10.5(10% solution)
Bulk density:	Approximately, 1.4 - 1.6 gr/cm ³
Solubility:	Soluble in water to 20 gr/lit



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DOSAGE AND FEEDING

Injection dosage of VIRA BOX-2727 depends on the type of boiler system to be protected and the harshness of the O₂ in the system. As a rule of thumb, Dosage of VIRA BOX-2727 is shown in below table.

Maximum pressure (Psi)	Na ₂ SO ₃ (ppm)
300	65
450	60
600	40
750	30

STORAGE:

Handling/Storage: Keep away from acids and oxidizing agents

Packaging material: Polyethylene containers

Avoid direct sunlight. At temperatures greater than 50°C may decompose exothermically with release of Sulphur dioxide

SAFETY AND HANDLING

Avoid eye and skin contact. Do not take internally. Do not get in eyes, on skin, on clothing. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labelled. Keep the containers closed when not in use. Keep in dry and cool area. Refer to the Material Safety Data Sheet (MSDS) for the most current data.

PACKING

VIRA BOX-2727 is available in Polyethylene baggage.

Revision Date: 01/02/2017