

BETAGARD 2625

Oxygen Scavenger

Description BETAGARD 2625 is an oxygen scavenger based on catalyzed sulphite specially designed as oxygen scavenger for boiler water treatment, water injection system and hydrostatic test to remove dissolved oxygen and certain other oxidizing element from fresh and formation water.

Performance advantages:

- Prevents corrosion caused by dissolved oxygen.
- Prevents precipitation of iron oxide and resultant plugging of injection well
- Helps control aerobic bacteria

Properties

Appearance	Pale yellow to greenish liquid
pH	3.5 – 5.5
Sp. Gravity at 25 DEG C	1.20 – 1.40
Solubility	Completely soluble in water

Dosage and Feeding

Theoretically, 18 ppm will scavenge 1 ppm oxygen. On a practical basis, continuous injection of 20-22 ppm might be needed for quick removal of 1 ppm dissolved oxygen. Slight excess (residual) should be maintained to assure complete oxygen removal. For boiler water application please refer residual sulfite below:

Boiler Pressure, psig	SO ₃ Residual, ppm
150	30-60
300	30-40
600	20-30
900	10-15
1200	5-10
>1500	Not recommended

Handling and storage

Observe normal precautions for industrial chemicals. Wear goggles when handling. Avoid contact with eyes or skin. If eyes are contacted, flush with plenty of water for about 15 minutes and get medical attention immediately.

Packing

In plastic container with net weight 25 or 30 kg.