



SULFOTREAT-R

Catalytic formulation for rapid reduction of sulphides in industrial water and wastewater.

Sulphide contamination in water systems leads to odour, turbidity, colour formation and microbial imbalance, creating operational and reuse challenges across industrial utilities.

SulfoTreat-R is developed to reduce sulphide levels below nuisance limits through catalytic action, thereby improving water quality and enabling safe recycle in applications such as cooling towers.

Mode of Action

When dosed into sulphide-containing water, the product releases active catalytic species that initiate oxidation reactions. These reactions reduce sulphide concentration and improve dissolved oxygen conditions, thereby discouraging anaerobic microbial growth.

Product Key Benefits

- Up to 90% reduction in sulphide concentration
- Eliminates odour, turbidity and grey/black coloration
- No external pH adjustment generally required
- Helps maintain dissolved oxygen levels
- Enables safe water reuse across applications
- Cost-effective sulphide control solution

Product Application

Suitable for lagoon water, cooling tower water, condensate and process water treatment. Typically applied as shock dosage with proper mixing.

Operational Conditions

- Temperature : 30–60°C
- pH : 5–8
- Retention time : 20–40 minutes

Dosage

- Combined dose of Part A and B ranges from 0.8–1.5 ppm per ppm sulphide.

Product Characteristics

- Part A granular white and Part B fine yellow material with bulk density 0.9 ± 0.1 and pH 10–11 (0.5% solution at 20°C).

Product Packaging

- 25 kg moisture-resistant bags / HDPE containers

Product Shelf Life

- More than 12 months under dry storage.

Product Handling

- Use PPE, avoid contact and inhalation.
- Store in cool dry conditions away from moisture and follow MSDS.



ISO 9001:2015 Certified | FSC 22000 Certified

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Certifications:

