

Technical Data Sheet (TDS)

Product Name: Still Mill Corrosion and Scale Inhibitor

Product Code: CSI-0781

Revision Date: 2025-03-15

1. Product Description

This product is composed of organo-phosphonates, polycarboxylic acids, and carbon steel corrosion inhibitors. It provides excellent chelation and dispersion for calcium carbonate, calcium phosphate, and other scale-forming salts in water, while offering superior corrosion protection for carbon steel. This product is primarily used in the circulating cooling water systems of steel plants, featuring outstanding corrosion inhibition and strong scale prevention performance.

2. Application

Steel Plant Circulating Cooling Water Systems

3. Product Features

- Excellent corrosion inhibition for carbon steel
- Strong chelation and dispersion for calcium carbonate and calcium phosphate
- Highly effective scale prevention performance
- Specifically designed for steel plant cooling water systems
- Stabilizes system operation and improves heat transfer efficiency
- Reduces downtime and maintenance costs
- Environmentally friendly formulation

4. Typical Properties

Property	Value
Appearance	Yellow to amber liquid
pH (1% solution)	2.0±1.0
Density (20°C)	1.10 – 1.25 g/cm ³
Solubility	Completely soluble in water

*Note: The above data are typical values and not product specifications.

5. Usage & Dosage

Typical dosage: 30 – 100 ppm (depending on scaling potential, water quality, and system conditions). Dosage should be adjusted based on actual water analysis and system requirements. Please consult our technical team for customized treatment programs.

6. Packaging

- 25 kg / 200 kg plastic drums / 1000L IBC Tote
- Customized packaging available upon request

7. Storage & Handling

- Store in a cool, dry, and well-ventilated area.
- Avoid direct sunlight and freezing.
- Shelf life: 12 months in original unopened packaging.

8. Safety & Environmental Information

- Non-toxic formulation
- Handle with standard industrial safety precautions
- Refer to Safety Data Sheet - SDS for full safety and handling information.

9. Compliance

Complies with relevant local and international environmental regulations.