

# **TS-216A Corrosion and scale inhibitor**

## **Overview**

**TS-216A is a high-efficiency corrosion and scale inhibitor composed of phosphine carboxylic acid and high-efficiency scale inhibitor and dispersant. It is mainly used in open circulating cooling water system, and common scales such as calcium carbonate, calcium sulfate and calcium phosphate. They all have good inhibitory effect; they also have a certain dispersion effect on zinc salt scale and iron salt scale; at the same time, they can also have good corrosion inhibition effect on carbon steel, stainless steel and copper.**

## **Traits**

**Appearance: light yellow liquid**

**pH value:  $\leq 2$**

**Total phosphorus (based on PO<sub>4</sub><sup>3-</sup>):  $\geq 12\%$**

**Density:  $1.25 \pm 0.05$ g/ml**

## **Dosage**

**Depending on the water quality and process conditions, the amount of the circulating water is generally 40 to 70**

**ppm.**

### **Security**

**This product is an acidic liquid and should be worn with protective equipment when used.**

### **Packaging and storage**

**The products are packed in polyethylene plastic drums with a net weight of 25 kg, 200 kg or 1000 kg.**

# **TS-8409 Non-oxidizing fungicide**

## **Overview**

**TS-8409 is a new non-oxidizing fungicide of our company. It has broad-spectrum bactericidal properties, and a small amount of residue is naturally degraded. It is easy to use and small in dosage. It can be used as a biocide for industrial open circulation system engineering, air scrubbers and breweries. It is an excellent agent for controlling the growth of microorganisms and combining it into sludge deposits. The agent is especially suitable for the efficient treatment of pollutants in the whole set of equipment, such as synthetic ammonia plants, refineries, chemical plants, metallurgical plants, steel pipe plants, and the like.**

## **Traits**

**Color: light yellow or light green liquid**

**Taste: micro**

**Specific gravity:  $\geq 0.9$ g/ml**

**pH:  $\leq 5.0$**

**Active content%:  $\geq 1.5$**

## **Dosage**

**Directly added near the suction port of the cool water tower reservoir pump, the amount of use depends on the nature of the system and water. The general dosage is 30~200ppm.**

## **Security**

**Wear rubber gloves when using. Immediately after skin contamination, do not splash into the eyes. Rinse immediately after splashing. Wear protective glasses and other protective equipment when handling.**

## **Packaging and storage**

**It is packed in polyethylene plastic drums with a net weight of 25 kg or 200 kg per barrel and is valid for two years.**

# **TS-611 Scale inhibitor and dispersant**

## **Overview**

**TS-611 not only has a good dispersion effect on various common scales such as calcium carbonate, calcium phosphate and calcium sulfate, but also effectively inhibits the deposition of zinc phosphate and the like. It has good corrosion inhibition properties for carbon steel, copper and other non-ferrous metals, and has special dispersing ability for iron oxide deposits which are abundant in some systems. Therefore, it is considered to be a new type of water treatment agent with excellent performance. It is mainly used for circulating cooling water treatment in power generation, metallurgy, chemical and other industries.**

## **Product trait**

**Appearance: light yellow or colorless liquid**

**Solid content: 25% or more**

**pH value (1% aqueous solution): 3 to 6**

**Total phosphorus content: 10±2%**

## **Dosage**

**TS-611 can be directly added to the suction port of the circulating water pump. The dosage is related to the water quality**

**and process conditions. The general dosage is 10~30mg/l.**

### **Security**

**This product is not a flammable and explosive product, it is safe to store, the solution is slightly acidic, and there is no obvious corrosion and irritation.**

### **Packaging and storage**

**It is packed in polyethylene plastic drums with a net weight of 25 kg or 200 kg per barrel and is valid for two years.**