

## KR-619B Scale and Corrosion Inhibitor

### Product Features

KR-619B Scale and Corrosion Inhibitor is composed of organophosphoric acid, polycarboxylic acid, sulfosalt copolym-ers, copper corrosion inhibitor, special surfactant, etc. The organophosphine acid forms protection membrane and brings corrosion inhibition on metal surface. KR-619B Scale and Corrosion Inhibitor has good chelation and lattice distortion effect on calcium carbonate, calcium sulfate and calcium phosphate. Through rational prescription, KR-619B Scale and Corrosion Inhibitor has good synergistic effect, with high corrosion inhibition ratio, high temperature tolerance, high scale inhibition ratio and not easy to degradation.

### Technical Specification

| Parameter                                         | Standard                 |
|---------------------------------------------------|--------------------------|
| Appearance                                        | Amber transparent liquid |
| Solid content, %                                  | 30.0 min                 |
| Total phosphoric acid (as $\text{PO}_4^{3-}$ ), % | 8.0 min                  |
| pH(1% water solution)                             | $2.0 \pm 1.0$            |
| Density (20°C), g/cm <sup>3</sup>                 | 1.10 min                 |
| Thiazole (as $\text{C}_6\text{H}_5\text{N}_3$ )   | 1.5 min                  |

### Applications & Usage

Add KR-619B Scale and Corrosion Inhibitor into plastic pool (or box) every day, dilute with water and continuously add into inlet of dosage pump or metering valve (outlet of collecting tank). The dosage of 5-30ppm is preferred.

### Package & Storage

| 25L Drum                                                                            | 200L Drum                                                                           | 1000L IBC                                                                            | ISO Tank                                                                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| Storage for 10 months in shady room and dry place.                                  |                                                                                     |                                                                                      |                                                                                       |

## Hazard & Safety Precaution

| Hazard Information                                                                       | Safety Precaution                                                                  |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Not regulated                                                                            |  |
| Acid, avoid contact with eye and skin, once contacted, flush with plenty of clean water. |                                                                                    |