

## DESCRIPTION

**ERFOS-3PWT** is a fresh water system additive which protects the system against corrosion, scab, sludge in the form of precipitate and foaming in hot and cold water (fresh water) systems. Because of its content when it reacts with hardness leaks, it forms compounds which do not have tendency to stick surfaces. It protects the system against corrosion by forming a film layer on the surfaces of the system lines. Thanks to its content it provides hygienic protection and prevents microorganism contamination.

Chemical Name	: Water conditioning (Chemical Mixture)
Document No	: SP-KS-027
Trade Name	: <b><u>ERFOS-3PWT (POTABLE WATER TREATMENT)</u></b>
Usage	: Additive in fresh water systems against corrosion and anti-microorganisms.

## A. ORGANIC PROPERTIES

Appearance	
Physical State (20°C)	: Liquid
Color	: Transparent yellowish liquid
Odor	: Odorless

## B. PHYSICAL PROPERTIES

pH	: 9.5 – 10.5
Molecular weight	: -
Explosion Limit	: None
Flash point	: None
Relative Density	: 1.10 – 1.20 g/cm <sup>3</sup>
Solubility	: Completely soluble in water.

## APPLICATION, FEATURES & BENEFITS

- ✓ It prevents red water formation in fresh water systems.
- ✓ Prevents sludge formation of precipitate in fresh water systems.
- ✓ Prevents microbiological contamination; formation of algae, bacteria and inhibits mal-odor.

## STORAGE & TRANSPORTATION

Packed in original plastic jerry cans of 25-30-60-200 L. Storage period is 3 years.

## **DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES**

**ERFOS-3 PWT** can be applied as 10 g for 1 ton of water by measuring the amount of water in the system. Addition of 500 ml (approximately ½ kg) to a system of 50 tons will provide sufficient protection. Check the loss of water in the system in every 2-3 days, if there is a loss, add ERFOS-3 PWT with above rates. For Example if you detect that there is 2 ton water loss in the system add 20 ml ERFOS-3 PWT, while you are adding this lost quantity to the system.