

## DESCRIPTION

**EVAPORATOR TREATMENT** is a chemical additive which prevents formation of scab, scale, sludge in high and low pressure fresh water producing systems. The product is also effective in removing the scab which was formed before the usage of Evaporator Treatment.

The most aggressive water is considered as sea water. Evaporator Treatment reacts with the minerals inside sea water and prevents them from settling, and striking to heat transfer surfaces. Those semi-floating compounds are thrown out through Evaporator brine.

Chemical Name	: Water conditioning (Chemical Mixture)
Document No	: SP-KS-018
Trade Name	: <b><u>EVAPORATOR TREATMENT</u></b>
Usage	: Additive for preventing scab formations in evaporator systems.

## A. ORGANIC PROPERTIES

Appearance

Physical State (20°C) : Liquid

Color : Yellowish liquid

Odor : Odorless

## B. PHYSICAL PROPERTIES

pH : 9.0 – 10.0

Molecular weight : -

Explosion Limit : None

Flash point : None

Relative Density : 1.09 – 1.19 g/cm<sup>3</sup>

Solubility : Completely soluble in water.

## APPLICATION, FEATURES & BENEFITS

- ✓ In regular use, it minimizes cleaning with acid by preventing scab and sludge which may generate in the evaporator and keeps maintenance requirements at minimum.
- ✓ It's a safe product to use in drinking water.
- ✓ Prevents foaming and spill over.

## **STORAGE & TRANSPORTATION**

Packed in original plastic jerry cans of 25-30-35-70-200 L. Storage period is 3 years.

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

EVAPORATOR TREATMENT is 100 g per ton of water in the beginning, continuous dosing is 30-50 g per ton of water. For scale cleaning in the system, continuous dosing must be 60-100 g per ton of water. To have efficiency from the product we recommend a dosing pump to apply EVAPORATOR TREATMENT.