

SCALE SOFTNER

SCALE SOFTNER FOR SUGAR INDUSTRY

PRODUCT DESCRIPTION

Scale Softner is a specially developed chemical composition for softening the scales in the evaporator bodies of Sugar Industry during cleaning process. Scale Softner can be added to Caustic Soda in specific proportions during the soda boiling of evaporator bodies.

SPECIFICATIONS

| | | |
|------------|---|---------------------|
| Appearance | : | Clear yellow liquid |
| Wt. / ml. | : | 1.05 + 0.05 |
| pH | : | Alkaline |

APPLICATIONS

Scale Softner is a complex compound, which can immensely increase the penetration power of caustic soda solution at boiling temperatures.

Scale Softner is added to the evaporator bodies along with caustic soda and water and the solution is boiled. This results in easier penetration of boiling material into the lattice of the scale. The lattice structure gets broken easily and the scale becomes extremely soft. This scale can then be easily removed by mechanical means using cutters and brushes.

Scale Softner is safe for use in view of the metallurgy of the evaporator calandria. It does not etch or corrode steel, copper or brass at normal use concentrations.

❖ **ADVANTAGES**

Scale Softner quickly penetrates and thoroughly softens even the toughest scale deposits like silicates, sulphates and carbonates. Metal surfaces are left clean and bright restoring normal heat transfer efficiency.

This is achieved in lesser time and efforts. Scale Softner, thus saves cleaning time and equipment. Shaft breaking of cutters is minimised. Cleaning equipment lasts longer and tube life is also prolonged.

Being in liquid form, it mixes easily and thoroughly ensuring better reaction.

❖ **DOSAGE**

Depending upon the hardness of scales, Scale Softner dosages varies from 15 to 25 percent of the chemical used for boils-outs. Use of Scale Softner is simple. Just add Scale Softner when other cleaning chemicals are being introduced into the evaporator bodies. The boiling procedures ensure proper mixing and effective results.

❖ **PACKING**

Scale Softner is available in 50 liter HDPE carbouys.

❖ **HANDLING**

Contact with eyes and skin should be avoided. Scale Softner should not be taken internally. In case of contact with skin, wash the area with plenty of water. Gloves and goggles should preferably be used while handling.

ASHA RESINS PVT. LTD.

Regd. Office : 1232, Bhavani Peth, Palkhi Chowk, Pune - 411 042.

Telefax : 91 20 26382401.

E-Mail : arlpune@rediffmail.com