

MAXTREAT[®] 801

CORROSION INHIBITOR

MAXTREAT 801 is a highly dependable corrosion inhibitor used for Hydrochloric acid pickling process. MAXTREAT 801 provides protection to the surface more than 99% , even when the temperature is in the range of 100^o C to 120^o C. MAXTREAT 801 is recommended for chemical cleaning, required for equipment maintenance and surface cleaning & preparation prior to the metal coating (such as galvanising, electroplating, painting, etc.) generally known as pickling.

BENEFITS

STABILITY

Gives optimum results even at higher temperatures and all concentrations of Hydrochloric acid.

NON POLLUTING

MAXTREAT- 801 is a stable free flowing. High molecular weight organic amine which does not contain lead. Arsenic or Chlorinated Hydrocarbons.

ECONOMICAL

MAXTREAT 801 is highly economical as it forms the protective film on the metal surface at a very low use concentration.

CONVENIENCE

Being a single product application. MAXTREAT 801 provides an ease of handling to the user.

COMPATIBILITY

Completely miscible with Hydrochloric acid alone or mixed with Hydrofluoric acid. Does not form sludge with the oil.

SAVE

Saves loss in weight of metal. Improves quality of pickled products. Reduces rusting of Iron after pickling. Does not allow wastage of acid.

SAFE

MAXTREAT 801 forms a thin film on the base metal and prevents aas a attack. At the same time it does not formed on the inorganic scale formed on the base metal. Thus. MAXTREAT 801 allows the acid to preferentially attack the scales and rust.

APPLICATION AND DOSAGE

In case of chemical cleaning, it is necessary to remove choking of pipes. heat exchangers, tubes etc., caused by scales and rust formation. These scales and rust can be easily removed by Hydrochloric acid. A combination of 15% Hydrochloric acid with 3% Hydrofluric acid is used where silica scales are to be removed. The form pickling refers to the process of dissolving iron oxide in acid. In doing this. MAXTREAT 801 prevents the attack of acid on the metal surface. Generally, a minimum of 0.5% w/v and a maximum of 1% w/v of MAXTREAT 801 in the acid bath is recommended for optimum results.

Thermax will provide technical assistance in arriving at optimum dosages for your operating conditions and requirements and in selecting a suitable dosing system for your plant.

HANDLING, STORAGE AND PRECAUTIONS

Avoid contact with sensitive or cut skin. Avoid contact of acid solution with skin over a period of time.. In case of accidental contact with eyes, use large quantity of water and flush the eyes for 15 minutes and get medical attention thereafter.

MAXTREAT 801 is stable under normal storage conditions.

PACKING

MAXTREAT 801 is available in 35 kg and 100 kg HDPE carbouys.