

# GUR THERMAL SYSTEMS CLEANING TECHNOLOGIES LTD

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## Product Data Sheet

### SX-6

#### Description:

**SX-6** is an inhibited acid in dry powder form for removal and dispersion of acid soluble deposits such as calcium carbonate, magnesium carbonate, iron carbonate, iron oxide or any combination of these materials.

**SX-6** is a combination of penetrating and dispersing agents, acids and patented inhibitors. Inhibitors decrease the corrosive action of the acid on metal and its wetting agent removes hydrocarbons from deposits, thus making acid more effective.

**SX-6** contains a scale inhibitor that is stable for cooling towers and does not form any orthophosphate sludge.

#### Physical properties:

Bulk density	67 lb /cu ft
Density of 10 % by Weight Solution	8.8 lb / gallon
PH of 10% % by Weight Solution	0.5
Soluble in	Fresh, Brackish or Brine Water up to 18%

#### Direction for use:

Place 5% - 10% of SX-6 into the sump of Cooling Tower or Evaporative Condenser and turn on water pump. SX-6 will dissolve calcium carbonate scale, other scales such as calcium sulfate, calcium phosphate or silicates will be dissolved less readily.

PH of solution will be approximately 1.

Depending on how badly surfaces are scaled, it may take an hour or more to change solution from a PH 1 to a neutral solution PH 7. At this time, stop pump to inspect surfaces.

If there is still a significant amount of scale then the above process should be repeated.

After the scale is removed, drain the solution and thoroughly flush the unit with make-up water.

Put unit back into operation

#### Material safety data:

Flammability	Non-flammable
Respiratory protection	Use mask with acid type filter
Eyes and skin protection	Use goggles, rubber gloves, protective clothing

#### First aid:

In case of eye contact flush thoroughly with water and contact physician immediately. In case of skin contact wash thoroughly with soap and water immediately for at least 15 min. If swallowed do not induce vomiting. Drink teaspoonful of Magnesia or chalk or the white eggs with water. Get Medical attention.

#### Commercial data:

D.O.T. Cleaning Compound Powder Corrosive

Packing: 55 Pound / 25 Kg Bag (Powder)