

# GUR THERMAL SYSTEMS CLEANING TECHNOLOGIES LTD.

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## Product Data Sheet

### SX-5

#### Description:

**SX-5** is a new safe replacement for dangerous acids now in use to clean thermal systems.

**SX-5** contains a blend of organic and inorganic acids, powerful penetrating *agents*, detergents, emulsifiers, polar solvents and special patented inhibitors.

**SX-5** will clean heat exchangers and entire opened or closed waterside of the system while the system is operating.

**SX-5** has better de-scaling and de-rusting qualities at higher temperature (50°- 60°).

**SX-5** Safe Scale Removers should be selected for cleaning heavily scaled equipment, for removing problem scales and those jobs where safety and higher capacity of liquid are economical requirements.

**SX-5** is formulated to remove calcium scales from heat exchanger and other water-cooled equipment. Detergent-inhibitor additives provide excellent protection for all metal parts of the equipment systems

#### Physical properties

Specific gravity	1.41 kg/dm <sup>3</sup>
Color	Brown
Inhibition rate	97 - 99%
Stability	At least 2 years
Surfactant surface tension at 25° C/ 77° C	30 dynes/cm

#### Direction for use:

**SX-5** can be used in many ways and varied types of applications; therefore amount of chemical will be vary from one application to another. Amount of SX-5 required for a given job will be determine by amount of solution require to cover the scale deposit. The thickness and area covered by scale is an important factor to determining amount of chemical required. When possible, sample of scale deposit to be treated should be tested rate of solution and dispersion of deposit in the acid.

#### 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 Liquid Corrosive – NA1760

Packing: 55-gal dram / 16-gal barrel / 1-gal bottle

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