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كيماويات السعودية

Saudi Chem

HAZM 801

BIO-DESCALANT

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

HAZM 801 is a liquid product, based on a biodegradable organic acid, designed for the efficient removal of calcareous and other hard deposits as found in the pipes of heat exchangers, refrigeration units and in boilers. It is safely used on steel, stainless steel, aluminum, brass and copper.

TYPICAL PHYSICAL PROPERTIES

Appearance:	Pale yellow liquid
Specific gravity:	1.15
pH(1% solution) :	1.00
Foaming:	None
Toxicity:	None
Flammability:	Non flammable

PRODUCT APPLICATION DETAILS

A dilution of 1 part **HAZM 801** to 2 parts water is recommended as suitable for most situations.

Such solution should be introduced in the system, and left for 24 hours in the first instance. It should then be drained and the system flushed with water to remove all loose scale.

Depending on the degree of scaling & under static (soaking) conditions, the same procedure may have to be repeated twice or even more. If the system allows the solution to be re-circulated under pressure and/or at elevated temperature (up to 50°C), the removal of scale can be effected over a shorter period of time.

Furthermore, use of **HAZM 801** on a routine maintenance basis (Rather than in emergencies) will, of course, reduce the time required for effective removal of scale deposits.

Before returning plant and the equipment to use, care should be taken to ensure that no loose scale remains in the system to block any filters which may exist.

PRODUCT HANDLING DETAILS

HAZM 801 is safe and non toxic. However, its acidity makes it irritating to the eyes and mucous membranes, and mildly so to the skin. Accordingly, spills & splashes should be washed away with copious amount of water. The wearing of goggles and gloves will, of course, preclude any problems at all.

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