

## PRODUCT DATA

### HA52

#### Product Uses

HA52 is a concentrated formulation based on chelating agents, used for removing and dispersing iron oxide and hardness deposits from closed heating and chilled water systems during pre-commission cleaning programmes.

HA52 acts to keep surfaces clean and maintain a high rate of heat transfer, as well as to enhance corrosion inhibitor film formation and biocide efficacy with the removal of micro-biological growth.

#### Product Application and Uses

HA51 should be dosed in accordance with operating conditions such as type and severity of the deposits to be treated and the mechanical design of the heat exchange plant, but typically between 1 – 2% system volume.

HA51 can be injected directly from the drum using a dosing pump or pumped from a temporary pump and tank set or from a dosing pot into the system.

HA51 is compatible with all metals, plastics and jointing compounds.

Upon completion of the cleaning programme a suitable scale & corrosion inhibitor together with a biocide should be dosed to the system.

#### General Specification

Colour:	Colourless	pH:	5.5 - 7
Odour:	Barley perceptible odour	Form:	Liquid
S.G. at 20°C:	1.14 – 1.18		

#### Packaging, Storage & Handling

HA52 is delivered in 25 kg or 220 kg drums and should be stored in a dry area.

HA52 should not be stored in areas susceptible to frost or excessive heat.

HA52 is classified as corrosive, so avoid contact by wearing protective clothing, gloves and eye goggles in accordance with the relevant BS EN standards.