

## PRODUCT DATA

### HA21

#### Product Uses

HA21 has been designed to prevent corrosion in cooling water systems with soft and moderate hard water make up which contain low levels of hardness salts.

A synergistic blend of zinc and organophosphonate compounds creates a chemical film on all metal surfaces within the system, so removing the corrosive and scale forming tendency of the water. HA21 does not contain any chromates.

#### Product Application and Uses

So as to provide the desired concentration within the system water, HA21 should be dosed in proportion to the amount of water made up to the system, via a dosing pump linked to a water meter, installed within the system make up pipework.

A passivation dose of HA21 should always be used after a system has been drained.

HA21 can be injected directly from the drum or from a dosing tank and is compatible with other products to form part of a water treatment programme for cooling systems to comply with the HSC Approved Code of Practice & Guidance – The control of legionella bacteria in water systems.

#### General Specification

Colour: Brown  
Odour: Perceptible odour  
S.G. at 20°C: 1.05 - 1.065  
pH: 1 - 2  
Form: Liquid

#### Packaging, Storage & Handling

HA21 is delivered in 25 kg or 210 kg drums and should be stored in a dry area.

Avoid storing HA21 in areas susceptible to frost or excessive heat.

HA21 is classified as an irritant, so avoid contact by wearing suitable protective clothing, gloves and eye goggles in accordance with the relevant BS EN standards.

HA21/pdi/13/07/04