

PRODUCT DATA HA45

Product Uses

HA45 has been designed to prevent corrosion in steam and condensate systems by neutralising acidic dissolved carbon dioxide and raising the pH of the condensate.

The selected blend of amines within HA45 ensures that all pipework inbetween the boiler and feed tank are protected and when condensate is returned to the feed tank for re-use, HA45 will raise the pH of the feed water and so assist in minimising corrosion in the feed lines.

Product Application and Uses

HA45 should be dosed in accordance with the amount of Carbon Dioxide present and can be injected directly from the drum or from a dosing tank, directly into the boiler or the feed water system. Dosage above the water line of a feed tank should be avoided, as toxic vapours would be liberated.

HA45 can be dosed into the feed water and/or steam boiler with other water treatment products as part of a complete water treatment programme, as the contents of HA45 are sufficiently volatile to carry over with the steam and start protection immediately.

HA45 should be dosed in proportion to the feed water demand using a dosing pump and should **not** be used when steam comes into contact with food and dairy products.

The condensate water pH should be maintained between 8.3 – 9.2.

General Specification

Colour:	Pale Brown	pH:	9 - 12
Odour:	Pungent	Form:	Liquid
S.G. at 20°C:	0.9 – 0.95		

Packaging, Storage & Handling

HA45 is delivered in 25 kg or 190 kg drums and should be stored in a dry area, away from heating and ignition sources.

HA45 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.

HA45/pdi/13/07/04