HOWLETT ASSOCIATES WATER TREATMENT LIMITED

Water treatment &
chemical cleaning specialists

FS 58944

PRODUCT DATA
HA51

Product Uses

HA51 is a non-toxic antifreeze designed to be used in conjunction with Howlett Associates Water Treatment Ltd inhibitors for protecting heating, chilled water and solar systems from freezing.

Product Application and Uses

HA51 should be dosed in the concentration required to achieve the following levels of frost protection.

Concentration HA51	5%	10%	15%	20%	25%	30%
Freezing Point	-1.5^{0}C	-3^{0}C	-5^{0}C	-7.5^{0}C	-10^{0}C	-15^{0}C

RI / % Brix	5	10	12	15	18	22
HA51 % Concentration	7%	13%	15%	20%	25%	30%

General Specification

Colour:	Colourless	pH:	7 - 8
Odour:	Odourless	Form:	Liquid
S.G. at 20ºC:	1.04		

Packaging, Storage & Handling

HA51 is delivered in 26 kg or 213 kg or 1000 litres IBC (1040 kg) drums and should be stored in a dry area.

HA51 should not be stored in areas susceptible to excessive heat.

HA51 is not classified as hazardous, however, we advise wearing protective clothing, gloves and eye goggles in accordance with BS: 2092C.

HA51/pdi/27/07/04