



**MANUFACTURERS AND SUPPLIERS
OF HYDRAULIC COMPONENTS**

UNIVERSAL ANTIFREEZE

Meeting BS 6580 SPECIFICATION

Midland Universal Antifreeze is a general purpose antifreeze, based on silicate and nitrate inhibitor technology, it is a nitrite, amine and phosphate free MEG based antifreeze and summer coolant that provides maintenance free protection against freezing and boiling but also gives excellent corrosion protection in cooling systems when mixed with the appropriate amount of water.

Midland Universal Antifreeze is available in concentrate (neat) form or as a 50/50 ready mix solution in 20 and 208 litre drums, 1000 litre IBC's.

Technical information

Universal Antifreeze

Ethylene glycol	94.4% typical
Inhibitor content	3.4% typical
Water content	4.4% typical
Colour	blue
Specific gravity @ 20°C	1.125 typical
pH, 20°C	7.2 typical
refractive index, 20°C	1.4302 typical

Universal Antifreeze 50: 50 pre-mix

Water content	48 – 52% v/v
Freeze protection	- 37.5°C typ
Specific gravity	1.06 – 1.076 typ

Application

Typical mixtures in Northern Europe are 50/50, offering frost protection down to -37°C

Storage requirements

The product should be stored above -20°C and preferably at ambient temperatures. Periods of exposure to temperatures above 35°C should be minimized.

BS-diluted product

BS 6580 requirements

50 % dilution -33°C max -35°C typ.

33 % dilution -15°C max.

Toxicity & Safety

For Toxicity and Safety Data please refer to the Material Safety Data Sheet.

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