

Angelchem (Pty) Ltd

MANUFACTURERS AND DISTRIBUTORS OF SPECIALISED MAINTENANCE AND CLEANING SOLUTIONS FOR THE INDUSTRY AND HOUSEHOLD



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Kaufmann 100% Antifreeze Product Data Sheet

Application

Kaufmann 100% Antifreeze is a 95% Mono Ethylene Glycol based Antifreeze for protection against freezing in winter and boiling in summer. Prevents corrosion in the cooling systems of trucks, automobiles and mechanical equipment. The product conforms to SABS 1251 specification.

The product offers adequate protection, at the minimum dilution, against corrosion from ferrous metals (such as mild steel, tempered steel, cast iron and all grades of stainless steel), copper, brass, and aluminium. The product contains scale inhibitors to prevent the formation of scale deposits in the cooling system.

Handling and Safety

If another make of Antifreeze has previously been used, drain and flush the cooling system with clean water. Fill up with the recommended concentration using Kaufmann 100% Antifreeze. Never top up with another make of Antifreeze (especially phosphate type Antifreezes). As good practise drain and replace once a year unless otherwise stated by the engine manufacturer.

Kaufmann 100% Antifreeze is a highly concentrated product which could damage paintwork. In case of accidental spillage on paintwork immediately rinse affected area well with water. Harmful if swallowed. In case of ingestion seek immediate medical attention. Avoid contact with skin. **Keep out of reach of children.**

Dilution

The minimum dilution by volume for the product is 25%, or 1 part Kaufmann 100% Antifreeze to 3 parts water. The following table summarises the protection at certain dilutions:

%		°C	
25	Protects To	-12	+104
50	Protects To	-36	+126

Use the concentration recommended by the engine manufacturer.

Physical Properties

Appearance:	Clear yellow liquid with green luminescence
S.G. @ 15 ^o c	1,10 – 1,12
Freezing point (25% solution):	-12 ^o c
Boiling point (25% solution):	104 ^o c
pH (25% solution):	7 – 7,5



Packaging

Kaufmann 100% Antifreeze is available in 1Lt, 5 Lt, 20 Lt and 200 Lt packaging.