

# Product

# INFORMATION

FUCHS (UK) PLC.  
New Century Street  
Hanley  
GB-Stoke-on-Trent,  
Staffordshire, ST1 5HU



## ESKIMO UNIVERSAL ANTIFREEZE

### Versatile MEG Antifreeze

#### Description

ESKIMO UNIVERSAL ANTIFREEZE is a versatile, concentrated engine coolant, suitable for all year round use in the cooling systems of internal combustion engines.

It protects engine cooling systems from corrosion all the year round and can provide frost protection down to minus 33°C.

ESKIMO UNIVERSAL ANTIFREEZE incorporates the latest inhibitors to give minimum frothing and freedom from hard water scale build-up.

ESKIMO UNIVERSAL ANTIFREEZE surpasses the requirements of BS6580; 1992 and ASTM D4985. A 50% concentration is recommended for maximum freezing and corrosion protection.

#### Application

Used in liquid coolant systems on petrol and diesel engines and in certain industrial applications.

#### Advantages / Benefits

- Monoethylene glycol based.
- All year use.
- Summer coolant.
- Hard water scale prevention.
- Frost protection to minus 33°C.
- Recommended for use in most petrol and diesel engines.
- Multi metal compatibility.



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The above information is supplied to the best of our knowledge and belief on the basis of the current state-of-the-art and our own development work. Subject to amendment.

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## Degree of Freezing Protection

Concentration % vol. In water	Freezing Protection
25	-12°C
33	-20°C
50	-33°C

The figures shown above indicate the temperature at which the formation of ice crystals commences. The dry ice point of the solution occurs below the temperature shown.

Please note that concentrations above approximately 50% offer no further benefit, and indeed, if the concentration increases above approximately 75%, less low temperature protection occurs.

## Corrosion Test Results

BS5117 Sect2.2	Weight Loss (mg)		Limit(mg)
	Cold Immersion	Hot Immersion	Cold & Hot Immersion
Copper	1	1	10 max.
Solder	3	2	15 max.
Brass	1	1	10 max.
Steel	1	2	10 max.
Cast Iron	1	2	10 max.
Aluminium Alloy	1	2	15 max.

BS5117 Sect2.6	Weight Loss	Limit
Aluminium Alloy (Heat rejecting conditions - mg/cm <sup>2</sup> (week))	0.08	1.0 max.

## Storage

The containers should be stored indoors (Freezing point of the neat product is minus 12°C).

## Typical Data: ESKIMO UNIVERSAL ANTIFREEZE

Characteristics	Unit	Test Method	
Appearance		Clear blue fluid	
Flash point (PMCC)	°C	120	IP34
Specific gravity @ 15.6°C		1.130	IP160
Boiling point	°C	170	

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