



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

HAZM 700

KOOL - MIX

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

HAZM 700 product is radiator and engine protection fluids based on mono-ethylene glycol of 99% purity.

Mono-ethylene glycol is remarkable in that, in aqueous solutions, it functions as both an anti freeze and as a coolant.

TYPICAL PHYSICAL PROPERTIES

HAZM 700 KOOL-MIX employs Mono-ethylene Glycol, which conforms to the following specification:

Appearance:	Free of suspended matter
Color(APHA):	10
Specific Gravity 20/20°C:	1.10
Acidity, as Acetic, Max:	0.005 %
Distillation Range, °C	
IBP:	190
3 95 %:	195 - 202
Dry Point:	208
Water Content:	0.2 %
Ash, grams/100 ml:	0.005 Max
Odor:	Mild, Non residual
Boiling Range, °C:	195 - 202
Purity:	99 %
Standards:	ASTM E202, ASTM E611

The following constituents (described in generic terms only) are also present in **HAZM 700** formulations:

1. A liquid corrosion and scale inhibitor, based on nitrite, benzoate and polymers, for sealed cooling systems and chilled water circuits using distilled or fresh water. It is effective even where oxygen (air) may be re entrained in the circulating water.
2. A micro biological control agent, based on a mixture of isothiazolinones, which is effective against a wide range of algae, fungi, and bacteria.
3. A naphthol green dyestuff.

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