COENDUROL

High Performance Glycol-based Heat Transfer Fluid

Overview

Coendurol is a MEG based water soluble liquid which contains effective combination of corrosion inhibitors. It offers excellent protection against corrosion for different metals in coolant circuits e.g. Aluminum, Steel, Non ferrous heavy metals, brass, copper.

Area of application:

A suitably diluted solution of coendurol with distilled water can be used for

- Various industrial heat exchanger systems
- Chiller plants
- heat transfer
- Automotive

Application Methods:

Coendurol is typically diluted as per requirements. A minimum dilution to 20 is used in application areas. Systems previously used with salt based coolants or chloride rich brines must be thoroughly flushed with water otherwise the corrosion inhibiting effect of the product will be impacted. Any other type of coolant being circulated in the closed circuits should be kept completely separate.

Similarly any system used with coendurol should be thoroughly flushed with water. Any empty systems should be thoroughly inspected before filling with Coendurol -water mixture.

Determine degree of freeze protection

To achieve the desired frost resistance, Coendurol is mixed with water. The water used to dilute Coendurol shall contain no more than 100 mg/kg (ppm) chlorides.

The mixing ratio is calculated as follows:

Frost-protection	Concentration of Coendurol	Density at 20 ° C
- 9°C	20 vol%	1.032
-12°C	25 vol%	1.042
-20°C	35 vol%	1.055
-53°C	60 vol%	1.091

The ratio of Coendurol must be at least 20% by volume (corresponds to frost protection down to - 9 °C) in order to obtain a sufficient corrosion protection.

High Performance Glycol-based Heat Transfer Fluid

Coolant and Heat transfer fluid

BASIS		**MONO ETHYLENE GLYCOL**
PRODUCT PROPERTIES		**approx**
Appearance at 20 °C		Colourless liquid
Density	[g/cm³] (20 °C)	1.10-1.40
Reserve alkalinity	[ml 0.1m HCl /10 ml]	15-17
pH value 20 % in demineralized Water		7.00-9.00

These characteristics are for guidance only and are not to be taken as product specifications. The tolerances are given in the product specification sheet. For further information on product properties, toxicological, ecological and safety data, please refer to the safety data sheet.

Safety, Toxicology and Ecology

Refer MSDS
Keep away from direct sunlight.
Material is harmful if swallowed

B P REFCOOL

293, Sector-6,
IMT Manesar, Gurgaon
Haryana- 122050, India

www.bprefcool.com