

**Technical Bulletin****JEFFCOOL® P-150  
INDUSTRIAL COOLANT AND HEAT TRANSFER FLUID**

<b>GENERIC NAMES</b>	Inhibited propylene glycol
<b>DESCRIPTION</b>	An inhibited propylene glycol based industrial coolant and heat transfer fluid.
<b>APPLICATIONS</b>	Since JEFFCOOL P-150 coolant is formulated with propylene glycol, it is especially suitable for applications in which toxicological and environmental considerations are critical. JEFFCOOL P-150 is a heat transfer fluid for line heaters, for snow melting systems on loading ramps, highways, and runways; a coolant for ice rinks and air conditioning (HVAC) systems.

**SALES SPECIFICATIONS**

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance	Slightly hazy and free of suspended matter	ST-61
Color	Red to match standard	ST-30.62
Freezing point,		ASTM D-3321
50 vol % solution, °C	-32 max.	
50 vol % solution, °F	-25 max.	
pH, solution, 33%	9.5 min. – 10.5 max.	ASTM D-1287
Reserve Alkalinity, mL	10.5 min. – 14.0 max.	ASTM D-1121
Specific Gravity, 60/60°F	1.05 min. – 1.06 max.	ASTM D-1122
Water, wt%	4.0 max.	ASTM D-1123

\*Methods of Test are available from Huntsman Corporation upon request.

**ADDITIONAL INFORMATION**

<u>Regulatory Information</u>		<u>Typical Physical Properties</u>	
DOT/TDG Classification	Not regulated	Boiling point, °C (°F)	187 (368)
HMIS Code	0-1-0	Density, lb/gal, 60°F	8.8
WHMIS Classification	Not regulated	Flash point, PMCC, °C (°F)	100 (212)
		Melting/Freezing point, °C (°F)	< -60 (< -76)
		Specific gravity	1
<b><u>Chemical Control Laws</u></b>		Odor	Slight odor
Australia, AICS	Listed	pH	9.9
Canada, DSL	Listed	Vapor pressure, mmHg, 20°C (68°F)	<1
Europe, EINECS/ELINCS	Listed	Viscosity, cSt, 40°C (104°F)	< 20
Japan, METI	Not determined	Water solubility (%)	> 10
United States, TSCA	Listed		

**PRODUCT SAFETY POLICY**

It is the product safety policy of Huntsman Corporation to provide our customers with information on the safe handling and use of our products. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed. Information on the toxicity, environmental and industrial hygiene aspects of our products may be found in the MSDS.

**TOXICITY AND SAFETY**

For additional information on the toxicity and safe handling of this product, consult the Material Safety Data Sheet (Safety Data Sheet in Europe) prior to use of this product.

**HANDLING AND STORAGE**

JEFFCOOL<sup>®</sup> P-150 coolant may be stored in unlined carbon steel tanks and drums. If storage of concentrated JEFFCOOL P-150 coolant for periods over 12 months is desired, it is recommended that the storage vessels be constructed from aluminum, stainless steel, or lined carbon steel. Vinyl, epoxy, and phenolic linings are suitable.

The normal precautions associated with any chemical should be observed in handling JEFFCOOL P-150 coolant. This product is neither explosive nor flammable under normal storage conditions. The propylene glycol in this product is considered practically nontoxic. Splashes onto eyes or skin, however, must be washed away quickly and medical treatment is advised for eye exposure. Breathing of the vapors or mists should be avoided.

**AVAILABILITY**

JEFFCOOL P-150 coolant is available in tank wagons and 55-gallon, non-returnable steel drums. Bulk and drum inventory is available at select locations throughout the United States. Contact your local Huntsman Sales Representative for details. Samples are available by contacting our sample department at 1-800-662-0924.

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**Samples 1-800-662-0924**

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