

# Technical Bulletin

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## **HUNTSMAN**

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### **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. A slightly hazy liquid, free of suspended solids with a slight odor.
<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.

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#### **SALES SPECIFICATIONS**

<u>Property</u>	<u>Specifications</u>	<u>Test Method *</u>
Color	Red to match standard	
Water, wt.%	4.0 max.	D-1123
Specific gravity, 60/60°F	1.05 min. ; 1.06 max.	D-1122
Reserve alkalinity, ml	10.5 min. ; 14.0 max	D-1121
pH, 33% solution	9.5 min. ; 10.5 max	D-1287
Freezing point 50% vol., °F (°C)	-30 (-34)	D-1177

\* Test methods are available upon request.

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**Main Sales Office:** Huntsman Corporation / 10003 Woodloch Forest Drive / The Woodlands, Texas 77380 / Tel: 281-719-6000 / Fax: 281-719-6416  
**Technical Services Section:** 8600 Gosling Rd. / The Woodlands, Texas 77381 / Tel: 281-719-7780 / Fax: 281-719-7555

# JEFFCOOL® P-150 INDUSTRIAL COOLANT AND HEAT TRANSFER FLUID

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## TYPICAL PROPERTIES

### Physical Properties

Ash, wt. %	2.0
Density, 60F, lb/gal	8.8
Flash point, COC, F	225
Boiling point, °F	368
Solubility in water	complete

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### **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

### **HANDLING AND STORAGE**

JEFFCOOL 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.

### **SHIPPING**

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.