



KIC CHEMICALS, INC. \* 87 SOUTH OHIOVILLE ROAD \* NEW PALTZ, NY 12561 USA  
TEL: 845-883-5306 \* FAX: 845-883-5326 \* TOLL-FREE: 877-KIC-BULK (542-2855)  
http://www.kicgroup.com \* info@kicgroup.com \* Dependable Worldwide Sourcing Since 1985

## PRODUCT DATA

### **INDUSTRIAL-GRADE (HD) PROPYLENE GLYCOL HEAT TRANSFER FLUID (WITH RUST INHIBITORS) \*\*\* FULL-STRENGTH CONCENTRATE \*\*\***

#### **SPECIFICATIONS:**

FREIGHT CLASS:	60 (NON-REGULATED)
PROPYLENE GLYCOL CONTENT, %:	96.0
PERFORMANCE ADDITIVES, %:	4.0
COLOR:	CLEAR ** (COLORANTS AVAILABLE)
SPECIFIC GRAVITY @ 25/25 °C (77/77 °F):	1.050 – 1.060
pH OF SOLUTION (50% STRENGTH):	9.0 – 10.0
RESERVE ALKALINITY, ML:	10.0 MIN
RECOMMENDED USE TEMP RANGE:	-60 °F TO 250 °F (-50 °C TO 120 °C)

#### **TYPICAL PHYSICAL PROPERTIES FOR AQUEOUS SOLUTIONS OF PGI-INHHD:**

<u>FREEZE POINT, °F</u>	<u>VOLUME, %</u>	<u>BOILING POINT, °F</u>
26	10	212
19	20	213
15	25	214
9	30	216
4	35	217
-6	40	220
-28	50	223

#### **DESCRIPTION:**

This grade of heat transfer fluid is a formulation of Propylene Glycol and a specially-designed package of industrial-grade corrosion inhibitors. The fluid is often colored with fluorescent dye for leak detection purposes, and is often used in applications where low toxicity materials are desired.

#### **CUSTOM BLENDING:**

Ready-to-use diluted concentrations are also available. Our most common % blends are: 25, 30, 33, 35, 40, 50, and 60 % strengths, and may be in stock at time of order. Pink, yellow and green are our most popular fluorescent dyes, but please contact us for additional assistance with diluted blends and freeze protection.

#### **STOCKING LOCATIONS:**

New Paltz, NY 12561

#### **PACKING OPTIONS:**

5-gal pails (36 per pallet)  
Approx 40-43 lbs net, open-head plastic, with Rieke pour spout



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55-gal drums (4 per pallet)

Approx 470-480 lbs net, in either plastic or steel

275-gal and 330-gal totes

Choice of either disposable or reusable totes

Bulk tankers (1,000-5,100 gals per tanker)

Approx. 8.7 lbs per gal, max load per tanker is 45,000-lbs net

**APPLICATIONS:**

- Closed-Loop, water-based HVAC
- Process heating & cooling
- Freeze/burst protection

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