

## Specifications

**Product** ProTek-PG-100 heat transfer fluid

**Application** Industrial heat transfer fluid

**Purpose** ProTek-PG -100 is a 70% propylene glycol-based heat transfer fluid. It is designed to provide freeze and burst protection, excellent thermal conductance, protection against system corrosion and fouling, and long-term system stability in closed recirculating water loops.

ProTek-PG -100 is formulated with food-grade corrosion inhibitors. All the ingredients in ProTek-PG -100 are GRAS (Generally Recognized As Safe), and may be used systems where incidental contact with potable water might occur. ProTek-PG -100 is compatible with corrosion and scale inhibitors used in closed loops, cooling towers and boilers.

**Advantages** ProTek-PG -100 has an operating range of -70°F to 230°F, with burst protection to -100°F. The freeze point and burst point are controlled by the glycol/water ratio. ProTek-PG -100 may be used as is, or mixed with system water if a different level of freeze and burst protection required. ProTek-PG -100 solutions remain pumpable down to the minimum flow points listed.

**Typical System Properties**

ProTek-PG-50 Water Mix Ratio	Freeze Point Burst Point	Minimum Flow Point
No mixing required	-60/-100°F	-70°F
6:1	-55/-80°F	-50°F
3:2	-10/-65°F	-35°F
1:1	-5/-50°F	-20°F

**Directions** For new or fouled systems, use a cleaner designed to clean and passivate the system such as Triple Treat (SCM-120), or follow the equipment manufacturer's recommendations. After the system is clean and passivated, add ProTek-PG -100 at a rate that will give the desired freeze protection and circulate the solution through the system to ensure thorough mixing.

**Safety Data** Consult the Material Safety Data Sheet before using this product. Use only according to label directions. Eye protection is recommended when using this or any industrial chemical product. Wash hands after using this product.

**Caution:** May cause temporary eye irritation. Avoid breathing spray mists. Do not take internally. **Keep out of reach of children.**  
**First Aid:** In case of skin or eye contact, flush the affected area with water immediately for 15 minutes. If eye irritation persists, get medical attention. For ingestion, immediately drink 3-4 glasses of milk or water and call the nearest poison control center. For inhalation, remove the individual to fresh air. If respiratory distress persists, get medical attention.

*Note: This product is not recommended for use in systems with aluminum heat exchangers.*



## Package Metrics

**Producer of Goods** Specialty Chemical

**Domestic/Foreign Commodity** Domestic

### SKU Specific Package Metrics

Catalog No.	Description	Size	UPC	Quantity per Pallet
SCM-129-01	Heat	1 Gallon Jug	686109002857	144
SCM-129-05	Transfer	5 Gallon Pail	095247003426	36
SCM-129-55	Fluid	55 Gallon Drum	095247003433	4

# ProTek-PG-100