



KOSTCHILL™ EG Heat Transfer Fluid

KOSTChill™ Heat Transfer Fluids have been instilled in the following systems:

- Soldier Field
- Busch Stadium
- Duke Power Plants
- Sam Adams Brewery
- Nutra Sweet
- Coca-Cola
- Daisy Foods
- Smuckers
- Hollywood Casino
- Meijer Food
- Wegman's Food
- Arnold Air Force Base
- U.S. Dept of Defense
- Cincinnati Union Terminal
- US Army Facilities
- Kraft/Heinz Plants
- PepsiCo
- Nestle
- Facebook Data Centers

KOSTChill™ EG

A fully formulated virgin ethylene glycol based heat transfer fluid containing an inhibitor and additive package that controls the corrosion of metals; helps prevent scaling and the fouling of heat transfer surfaces, and buffers the pH to maintain it in the optimum operating range. KOSTChill™ EG has a recommended operating temperature range of -60° F to 250° F when mixed with appropriate water concentrations. It provides both freeze and burst protection for systems exposed to low temperatures.

Benefits:

- Fluid is dyed fluorescent pink for leak detection purposes
- Silicate free
- Meets the Heat Transfer Fluid ASTM D8039 requirements standards for multi-metal corrosion protection and for D1881, foam tendency testing for ready-to-use heat transfer fluids
- Available in dilutions ranging from 30% to 70%
- Exceptional low-temperature pumpability
- Operating temperature of -60° F to 250° F

KOSTChill™ EG inhibited virgin ethylene glycol-based heat transfer fluid is manufactured with the highest quality raw materials. Each KOST® USA fluid is specially formulated with a state-of-the-art inhibitor package that prevents corrosion, which minimizes fluid expense and extends fluid life. Please note that we recommend diluting only with RO (reverse osmosis) or distilled water to maintain corrosion protection.

Typical Applications:

Chemical Processing
Thermal Energy Storage
Closed-Loop Water Based HVAC Systems
Sidewalk and Playing Field Subsurface Heating
Ground Source Heat Pumps
Ice Skating Rinks
Computer Cooling Systems
Cooling Water for Gas Turbine Power Systems
Boiler Systems
Power Generation Systems
Cooling Towers and Chillers



Think of our products as
Liquid Assets.™

No matter the heating and cooling needs, KOST® USA's family of glycol-based heat transfer fluids offers a solution that will exceed your requirements.

At KOST® USA, we can customize products to meet all engineering requirements where glycol-based products are required.

It's more than business...
It's personal.

KOST® USA, Inc. is the largest family-owned manufacturer, supplier, and marketer of antifreeze and functional fluids in the United States. Founded in 1985, our headquarters and manufacturing facility is strategically located in Cincinnati, Ohio. We build our customers' brands and our brands through high-performance products and superior service. Committed to quality, KOST USA is ISO 9001:2015 Certified, ASTM Standards Lab, Global Sourcing, NSF, GHS, and FM Approved.

KOSTCHILL™

EG

Heat Transfer Fluid

TYPICAL PROPERTIES	KOSTChill™ EG Concentrate	KOSTChill™ EG 70%	KOSTChill™ EG 60%	KOSTChill™ EG 50%	KOSTChill™ EG 40%	KOSTChill™ EG 30%
Ethylene Glycol, % Weight	96%	70%	60%	50%	40%	30%
Corrosion Inhibitors and Water % Weight	4%	30%	40%	50%	60%	70%
Color	Pink	Pink	Pink	Pink	Pink	Pink
ASTM Corrosion Specification	D8039	D8039	D8039	D8039	D8039	D8039
pH of Solution	9.2-10.6	9.2-10.6	9.2-10.6	9.2-10.6	9.2-10.6	9.2-10.6
Reserve Alkalinity, ml	Refer to Dilution*	7.4 min	6.3 min	5.3 min	4.2 min	3.2 min
Pounds per Gallon (68°F)	9.41	9.19	9.09	8.97	8.85	8.72
Boiling Point °F (°C)	Refer to Dilution*	230° (110°)	225° (107°)	222° (105°)	219° (103°)	216° (102°)
Freeze Point °F (°C)	Refer to Dilution*	Below -84° (-64°)	-54° (-48°)	-34° (-36°)	-13° (-25°)	4° (-15°)

SHIPPING INFORMATION

Slight changes to the weight of our packaging materials may effect the gross weight of our finished goods.

Part Number	Bulk Pail Drum Tote	10012 10014 10015 10010	11351 N/A 11850 11851	11349 N/A 11598 11597	10017 N/A 10019 11059	10044 N/A 10045 10043	10052 N/A 10054 11341
UPC Code	Pail Drum Tote	652138102035 652138102028 652138102042	N/A 652138102004 652138102011	N/A 652138101953 652138101960	N/A 652138100949 652138101922	N/A 652138100901 652138100918	N/A 652138100871 652138101885
Gross Container Weight	Pail Drum Tote	50# 539# 2715#	N/A 527# 2654#	N/A 521# 2627#	N/A 515# 2594#	N/A 508# 2561#	N/A 501# 2525#
Gross Pallet Weight	Pail Drum Tote	2443# 2193# 2715#	N/A 2145# 2654#	N/A 2121# 2627#	N/A 2097# 2594#	N/A 2069# 2561#	N/A 2041# 2525#
Quantity Per Pallet	Pail Drum Tote	48 4 1					
Volume Per Package	Pail Drum Tote	5 Gallons 55 Gallons 275 Gallons					
Package Dimensions	Pail Drum Tote	11.2"W x 10.2"D x 13.9"H 23.5"D x 34.5"H 49" x 40" x 46"					
Pallet Dimensions	Pail Drum Tote	49" x 41" x 47" 48" x 40" x 39.5" 49" x 40" x 46"					

KOSTChill™EG is also available in these concentrations: 35/65, 45/55, 55/45, 65/35, dilutions. *The pH of Concentrate cannot be accurately measured due to the lack of water needed to obtain a reliable pH measurement. When diluting any KOSTChill™ products, it is recommended that RO or distilled water is used.

All reasonable care has been taken to ensure that the information herein is accurate as of the date of printing. Freedom to use any patent owned by KOST® USA, Inc. or others is not to be inferred from any statement contained herein. The test results listed are typical properties only. Formula and blending changes may result in slight color and appearance changes. SDS can be found at kostusa.com



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