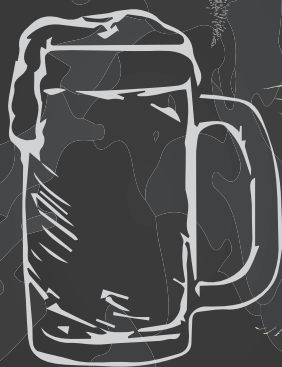


Chill MENU

KNOW YOUR COOLANTS

KOSTCHILL™
Heat Transfer Fluids



Specifically Designed for
Food & Beverage Manufacturing

At KOST® USA we understand craft
brewers, vintners, distillers and
food manufacturers



Refrigeration costs can account for more than 30% of brewers electrical consumption. Our fluids keep heat transfer surfaces free from corrosion and deposits thus making them more energy efficient. Effective corrosion protection of pipes, chillers, pumps and tanks also ensures smooth operations, reduces maintenance and ultimately helps avoid downtime for repair due to corrosion. Protecting your expensive equipment is as important as protecting the quality and reputation of your brand.

KOSTCHILL™

The family of KOSTChill™ inhibited propylene glycol-based heat transfer fluids are manufactured with the highest quality raw materials. Each KOST® USA fluid is specially formulated with state-of-the-art inhibitor packages that prevent corrosion, which minimizes fluid expense and extends fluid life.

Products are available in additional dilution percentages, and in Bio-Based Propylene Glycol.

NSF



When brewing beer, a 30-45% concentration of our chilling fluids is recommended. This concentration provides dependable temperature control at very low temperatures, allowing cold crashing to occur without damaging equipment.

Our Heat Transfer Fluids have been instilled in the following systems:

Korbel
Sam Adams Brewery
Anheuser-Busch
MadTree Brewing
Rhinegeist Brewery
50 West Brewing Co.
Little Miami Brewery
Smuckers
Daisy Brand
Off Track Brewery
13 Below Brewery
My Grain Brewery
16 Lots Brewery
Rolling Mill Brewery
Advance Pierre Foods
Kraft
Miller Brewing Company

TYPICAL PROPERTIES	KOSTChill™ PG FG Concentrate Propylene Glycol	KOSTChill™ PG FG 40/60 Propylene Glycol	KOSTChill™ PG FG 30/70 Propylene Glycol
NSF International Certification	HT-1	HT-1	HT-1
NSF #	139285	159099	159101
Monopropylene Glycol Purity	99.0 Min.	99.0 Min	99.0 Min
Glycol, % Weight	94	40	30
Inhibitors and Water, % Weight	6	60	70
Color (Blue is an Option)	Colorless	Colorless	Colorless
ASTM Corrosion Specification	D8039	D8039	D8039
Specific Gravity (68° F)	1.054	1.040	1.031
pH of Solution at 50% Glycol	Refer to Dilution	9.0 – 10.8	9.0 – 10.8
Reserve Alkalinity, mL	10.6 Min	4.3 Min	3.3 Min
Pounds Per Gallon 68°F	8.79	8.68	8.6
Boil Point °F (°C)	Refer to Dilution	219° (104°)	216° (102°)
Freeze Point °F (°C)	Refer to Dilution	-7° (-21°)	9° (-13°)

KOSTChill™ PG FG is available in these concentrations: CONCENTRATE (properties shown above), 70/30, 65/35, 60/40, 50/50, 55/45, 45/55, 35/65, 25/75. Additional properties and other dilutions for our products are available upon request. NSF numbers for these products are also available upon request. 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.

KOSTUSA

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