



Propylene Glycol

BRACTONSAFE® Long Life Heat Transfer Fluid

BractonSafe Long Life Propylene Glycol stands out as a specially formulated heat transfer fluid, enriched with inhibitors designed to combat corrosion and inhibit fungal growth within heat transfer systems. Bracton Chemicals' unique formulation minimises the wear on heat transfer systems, extending the equipment's cleanliness and corrosion resistance over time.

Numerous, industrial and commercial heat transfer systems function at temperatures beyond the typical freezing and boiling points of water. To safeguard these systems from freezing, bursting, or boiling, a blend of Propylene Glycol and water is employed in secondary loop systems. In cooling systems, this heat transfer fluid lowers the freezing point below operational temperatures, while in other applications, it elevates the boiling point to ensure efficient operation.

BractonSafe Long Life Propylene Glycol is utilised in the HVAC-R, hospitality and food processing industry for more than 20 years, which has undergone testing at a NATA accredited laboratory. It shields Plant equipment from excessive wear and tear, as BractonSafe Long Life Glycol is crafted using USP grade Propylene Glycol and inhibitors approved by the FDA.



Key Benefits

BractonSafe Long Life Heat Transfer Fluid Propylene Glycol offers several key benefits for the air conditioning and refrigeration sector, such as:

Long Life

BractonSafe Long Life Heat Transfer Fluid is formulated for extended service life, thereby, reducing the frequency of fluid replacement and downtime for system maintenance.

Safe

BractonSafe Long Life Heat Transfer Fluid is non-toxic, making it safe for use in systems where food or potable water is involved, such as in food processing facilities.

Efficient Heat Transfer

Propylene Glycol effectively transfers heat, ensuring optimal performance of air conditioning and refrigeration systems.

Low Freezing Point

Propylene Glycol has a lower freezing point compared to water, providing protection from freezing in colder environments, which is crucial for maintaining system functionality in diverse climates.

Reduces Microbial Growth

Built in preservatives assist in reducing the wear on equipment from corrosion, bacterial build up and circulation blockage.

Biodegradable

It is biodegradable, minimising the environmental impact and facilitating safe disposal at the end of its life cycle.

Compatibility

Compatible with various system materials such as metal, elastomers and plastics commonly used in air conditioning and refrigeration equipment.

BRACTONSAFE[®] Long Life Propylene Glycol With Corrosion Protection

In addition, BractonSafe Long Life Propylene Glycol enhanced with inhibitors is formulated using USP Grade Propylene Glycol which provides a lifespan five times longer compared to standard Propylene Glycol.



Specifications	Code	Size	Container
BractonSafe Long Life Propylene Glycol with corrosion protection	BGLY003	3 x 5kg	Carton
	BGLY007	20kg	Drum
	BGLY002	215kg	Drum
	BGLYBULK	1000kg	IBC Tote

*IBC Tote stands for Intermediate Bulk Container Tote.

BRACTON CHEMICALS

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