

SOLAR HI-TEMP HEAT TRANSFER FLUID & ANTI-FREEZE SOLUTION SH-SPEC

PRODUCT DESCRIPTION

PRODUCT

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution for HVAC, Potable Water, and Solar Systems.

DESCRIPTION

Nontoxic, Glycerin Based, Heat Transfer Fluid and Anti-Freeze Solution with special anti-corrosion inhibitors, and color indicators that provide heat transfer up to 356°F (180°C), freeze protection to -15°F (-26°C) and burst protection to -50°F (-46°C).

RECOMMENDED USES

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution provides optimal heat transfer, freeze and corrosion protection for water-based systems without the risk of environmental contamination.

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution works excellent in:

- Closed Back Solar Systems
- Closed Loop Solar Systems
- Hydronic HVAC Systems
- Potable Water Lines
- Fire Sprinkler Systems

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution is ready to use. No dilution is necessary to maintain maximum heat transfer and freeze protection. The formula provides an error free method to protect the system. **SOLAR HI-TEMP** Heat Transfer Fluid and Anti-Freeze Solution is suitable for use with continuous operating systems with temperatures up to 356°F (180°C), and will not degrade significantly from short term exposures to temperatures up to 450°F (232°C).

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution is compatible to all types of approved piping including CPVC. **SOLAR HI-TEMP** Heat Transfer Fluid and Anti-Freeze Solution lubricates pumps, valves and moving parts. Will not harm plastic or rubber seals, o-rings, or gaskets.

SH-SPEC

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This product is manufactured in the U.S.A.

COLOR/CONSISTENCY

Blue liquid

ENVIRONMENTAL STATEMENT

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution is nontoxic, nonflammable, and noncorrosive.

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution is considered "Generally Recognized as Safe" by the Federal Food and Drug Administration.

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution eliminates the possibility of contaminating domestic and potable water systems. **SOLAR HI-TEMP** Heat Transfer Fluid and Anti-Freeze Solution will not support bacterial growth.

APPLICATION PRECAUTIONS

SOLAR HI-TEMP Heat Transfer Fluid and Anti-Freeze Solution have a greater tendency to leak past faulty joints than water, so all leaks must be properly corrected.

LIMITATIONS

SOLAR HI-TEMP is virtually harmless to animals and plants, however the disposal should be in conformance with national, state and local health codes. Biodegradation under aerobic static laboratory conditions is high (BOD20 or BOD28/ThOD greater than 40 percent). It is expected that biodegradation will be achievable in a secondary wastewater treatment plant.

WEIGHT PER U.S. GALLON

9.79 lbs. (3.76 kg) ± 0.2

PACKAGING

U.S. Measure:

Stock Code	Size
5 Gallon Plastic Pail w/ Handle	
SH5	5 gal. (18.9 L)
55 Gallon Drum	
SH55	55 gal. (208 L)

SHIPPING WEIGHT PER CASE

Stock Code	Case Weight	#/Case
SH5	51 lbs. (23.1 kg)	1
SH55	580 lbs. (263.1 kg)	1

DIRECTIONS FOR USE

1. Empty the entire system through faucets, petcocks, and other openings. Then close all openings.
2. Fill the entire system with **SOLAR HI-TEMP** Heat Transfer Fluid and Anti-Freeze Solution to obtain maximum protection. Do not dilute.
3. For circulating hot water heating systems and solar heating and cooling systems, **SOLAR HI-TEMP** Heat Transfer Fluid and Anti-Freeze Solution can remain in the system all year. Be sure to flush the system thoroughly of dirt, scale or oil prior to adding **SOLAR HI-TEMP** Heat Transfer Fluid and Anti-Freeze Solution.
4. Test the entire system for freeze protection and pH with **FREEZE-FIGHTER** Test Strips and pH meter or pH strips. Freeze protection should read -15°F (-26°C) ± 2.0°F (± 1.0°C), pH should read 5.2 - 6.5 (± 0.2).
5. Blue color will fade over time and may change color from blue to brownish red/orange. The change in the color is due to the biodegradability of the potable water compatible dyes in **SOLAR HI-TEMP**.
6. Replace the heat transfer solution with fresh **SOLAR HI-TEMP** if the system contains sludge or liquid in the system looks brackish. Clean system with **FLOW-AIDE™** Biodegradable Cleaner/Descaler, then flush the system thoroughly before replacement.
7. Test the system annually.



WHITLAM
The Industry Standard for Over 100 Years

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