

## SR-1 EG HTF

### Fully Formulated Ethylene Glycol Heat Transfer Fluid

#### Description

Nemco's SR-1 EG Heat Transfer Fluid is formulated with ethylene glycol (EG) and has a specially designed package of industrial corrosion inhibitors. It is widely used for HVAC heating applications and secondary cooling, for burst and freeze protection of pipes, and for various deicing, defrosting, and dehumidifying applications.

SR-1 EG Heat Transfer Fluid's corrosion inhibitor package permits the product to meet ASTM D1384 for corrosion protection of copper, standard solder, brass, steel, cast iron and cast aluminum.

#### Advantages

- Excellent low-temperature pumpability
- Extends system life
- Superior corrosion protection
- Maximum heat transfer efficiency
- Florescent pink colour to assist in leak detection

#### Applications

- Closed-loop water-based HVAC
- Cooling towers and chillers
- Fire sprinkler systems
- Ground source heat pumps
- Ice rink and Snowmelt systems

#### Use and Storage

For best performance it is recommended concentrate be premixed with distilled or deionized water. Always check your equipment manufacturer's specifications for heat transfer fluid suitability. Glycols typically have a shelf life of 5 years under ideal storage conditions. Keep packages closed while not in use, store in a cool and dry area. Store away from direct sunlight.

Volume % requirements for concentrate heat transfer fluid				
Temp, °C(°F)	-30(-20)	-35(-30)	-40(-40)	-45(-50)
Freeze protection, %	46	50	55	59
Burst protection, %	31	31	31	31

*\*Solutions of less than 25% may not provide adequate corrosion protection.*

#### Typical Characteristics - SR-1 EG HTF

Properties	Method	Performance	
		Conc.	50:50
Colour	Appearance	Florescent Pink	
SPG, 15.6°C(60°F)	Internal	1.113	1.070
pH	ASTM D1287	9.0-9.6	9.0 - 9.6
Freeze point, °C(°F)	ASTM D3321	-18(0)	-37(-35)
Boiling point, °C(°F)	ASTM D3321	158(317)	108(226)
Glycol (% vol), min	ASTM D3321	≥97	≥48.5

*These characteristics are typical of current production, variations in these characteristics may occur.*

### Availability and product codes

Pack size	20L pail	205L drum	1,000 tote/Bulk
SR-1 Conc.	AIAFZ0013	AIAFZ0030	Special Order
SR-1 50:50	AIAFZ0014	AIAFZ0031	
Availability	To order, contact us toll free 855-755-6737 or at orderdesk@nemco.ca		

### Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at **nemco.ca** under the Safety Data Sheets. For SDS in French, please contact **info@nemco.ca**. This material is WHMIS 2015 classified. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used glycol to an authorized collection point. Avoid discharge into drains, soil, or water. As with any chemical, keep out of reach of children and animals.

### Quality

Nemco works with respected industry suppliers. Nemco Resources Limited manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your local sales representative.