



Technical Data Sheet

DOWTHERM™ SR-1 Heat Transfer Fluid, No Dye

Inhibited Ethylene Glycol-based Heat Transfer Fluid. DOWTHERM™ SR-1 Heat Transfer Fluid is a formulation of 95.5 weight percent ethylene glycol and a specially designed package of industrial corrosion. Solutions in water provide freeze protection to below -50°C (-60°F) and burst protection to below -73°C (-100°F).

Features & Benefits

- Dow glycol-based fluids contain specially formulated packages of industrial inhibitors that help prevent corrosion of metal.

Composition

- This product is a mixture: Glycol, inhibitors and water

Applications

- Closed-loop, water-based HVAC, process cooling. Heat transfer fluid. For non-evaporative closed loop systems.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Composition (% by weight)	%	Ethylene glycol 95.4–98.0 Water 1.0–3.0
Color		Colorless to yellow
Appearance		Liquid
pH		8.5–0.5
Relative density		1.1295 at 20°C / (68°F)

The physical data presented above are typical values and should not be construed as a specification.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

Usable Life and Storage

Conditions for safe storage: Do not store in: Galvanized steel. Opened or unlabeled containers. Store in the following material(s): Carbon steel. Stainless steel. Store in original unopened container. See Section 10 of MSDS for more specific information. Additional storage and handling information on this product may be obtained by calling your sales or customer service contact.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

Contact:

www.dow.com/contact

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