



**THE DOW CHEMICAL COMPANY  
SALES SPECIFICATION**

**Date Printed:** 2024-09-20

**Effective Date:** 2019-08-16

**Supersedes Date:** 2015-10-19

**Name:** DOWFROST™ Heat Transfer Fluid

**Specification Number:** 000000023545

**Previous Specified Material:** 00023545

**Additional Product Information:**

Clear liquid

**Government and Industry Standards**

This product is acceptable for use as a heat transfer fluid where there is possibility of incidental food contact (HT1). The amount used should be the minimum required to accomplish the desired technical effect.

**Final Testing Requirements**

<b>Test and Test Condition</b>	<b>Limit</b>	<b>Unit</b>	<b>Method</b>	<b>Note</b>
Propylene Glycol	95.6 Min	WT%	DOWM 101679	
Sp. Grav. @ 25/25C	1.046 — 1.056		ASTM D4052	
Reserve Alkalinity	9.0 Min	ml	ASTM D1121	

**External Notes**

- 1 DOWFROST™ inhibited propylene glycol is registered with NSF (formerly USDA) and is acceptable for use as a heat transfer fluid where there is possibility of incidental food contact.

DOWFROST™ is made from Dow PURAGUARD™ propylene glycol USP/EP and dipotassium phosphate corrosion inhibitor. These ingredients are food grade additives regulated by FDA and are generally recognized as safe (GRAS) under parts 184.1666 and 182.6285 respectively of the CFR Title 21 Food Additive Regulations.

Dow PURAGUARD™ contains 99.8% or higher monopropylene glycol.

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READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.