

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

IDENTITY AND SUPPLIERS INFORMATION

PRODUCT NAME:	LIQUITHERM C371	CHEMICAL FAMILY:	GLYCOL SOLUTION	<table><tr><th>NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM</th><th>RATING</th></tr><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>MAX PERSONAL PROTECTION</td><td>B</td></tr></table>	NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	MAX PERSONAL PROTECTION	B
NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING													
HEALTH	1													
FLAMMABILITY	0													
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MAX PERSONAL PROTECTION	B													
GENERIC NAME:	LIQUID DE-ICER, ANTI-ICER	FORMULA:	PROPRIETARY											
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200											
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE EXPORT, PA 15632	EMERGENCY NO.:	800-255-3924											
PROPER SHIPPING NAME:	CLEANING COMPOUND, LIQUID													

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
1, 2 Ethanediol	No	107-21-1	>30	No	50 ppm	50 ppm	

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

BOILING POINT:	255°F	FLAMMABILITY: (FLAME PROJECTION) N/A	AUTO IGNITION TEMP: N/A
VAPOR PRESSURE: (mm Hg)	16 @68 °F	FLASH POINT:	None T.O.C.
VAPOR DENSITY:	>1	FLAMMABILITY LIMITS:	%UEL N/A %LEL N/A
SOLUBILITY IN WATER:	Complete	EXTINGUISHER MEDIA:	Water, dry foam, CO2
SPECIFIC GRAVITY:	1.086	SPECIAL FIRE FIGHTING PROCEDURES:	None
pH RANGE:	7.0-7.5	UNUSUAL FIRE/EXP. HAZARDS:	None
EVAPORATION RATE: (Ether=1)	<1		
PHYSICAL DESCRIPTION:	Clear blue liquid of moderate viscosity with no appreciable odor.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITY:	Strong acids
CONDITIONS TO AVOID:	None
HAZARDOUS DECOMPOSITION PRODUCTS:	None known

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY:

ACUTE EFFECTS:

SKIN:	Skin irritant. May cause redness or swelling. Prolonged or repeated contact may cause dermatitis.
EYES:	Eye irritant. May cause redness and swelling of the conjunctiva.
INHALATION:	Direct inhalation of mists may be irritating to the nose and throat.
INGESTION:	May be irritating to the mouth, throat and gastrointestinal system. Vomiting and diarrhea expected with large doses.

FIRST AID PROCEDURES:

SKIN:	Remove contaminated clothing. Flush with large quantities of water. Seek medical attention if irritation persists.
EYES:	Flush eyes with large quantities of clear cool water. Seek medical attention if irritation persists.
INHALATION:	Get to fresh air.
INGESTION:	DO NOT INDUCE VOMITING. Drink large amounts of water or milk to dilute in stomach. Seek medical attention immediately.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION:	Use with adequate ventilation.
PROTECTIVE GLOVES:	Waterproof recommended.
EYE PROTECTION:	Safety glasses recommended.
VENTILATION REQUIREMENTS:	Local exhaust to keep section 1 TLV below limits.
OTHER PROTECTIVE CLOTHING:	Normally not required.
EYE PROTECTION:	Do not eat, drink or smoke in work area. Wash hands after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:	Contain spill. Mop up or otherwise absorb and hold for disposal. Flush spill area to avoid slip hazard.
WASTE DISPOSAL METHODS:	Any method in accordance with federal, state and local laws.
PRECAUTIONS IN HANDLING AND STORAGE:	Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat or cold.
OTHER PRECAUTIONS:	Read and follow label directions. Keep out of reach of children. Keep away from sources of heat, sparks or flames.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.