

Material Safety Data Sheet

GC THORSEN
1801 MORGAN STREET
ROCKFORD, IL 61105
(815) 968-9661

DISCONTINUED

Product: 10-8667
Issue: 4
Date: 05/09/91
MSDS No: 0109
Page No: 1

SECTION I - MATERIAL IDENTIFICATION

Product Name: ZERO MIST CIRCUIT COOLER
Chemical Family: FLUORINATED HYDROCARBON MIXTURE

Contact: CHEMTREC
Phone: 1-800-424-9300

SECTION II - INGREDIENTS

CAS Number	Chemical Name	%WT	Exposure Limits (PPM)
75-69-4	TRICHLOROMONOFUOROMETHANE	30	1000 TLV-PEL, N/E
75-71-8	DICHLORODIFLUOROMETHANE	70	1000 TLV-PEL, N/E

Comments:
NOT CARCINOGENIC

SECTION III - PHYSICAL DATA

Boiling Point:	N/A	Specific Gravity:	1.37
Vapor Pressure:	50 psi	% Volatile by Volume:	100
Vapor Density:	>1	Evaporation Rate:	0.3
Solubility in H2O:	NOT	Form:	X Liquid Solid
			Paste Gas

Appearance and Odor:
CLEAR LIQUID - CHLORINATED SOLVENT ODOR

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point:	Open Cup	Flammable Limits	Lower	Upper	
N/A	Closed Cup	(% In Air)	N/A	N/A	
Extinguishing Media:	CO2	H2O	H2O Fog	Chem Foam	Dry Chem

Special Fire Fighting Procedures:
SCBA RECOMMENDED DUE TO POSSIBLE EMISSION OF TOXIC CHLORINE & FLUORINE GASES.

Unusual Fire & Explosion Hazards:
CAN MAY BURST IF EXPOSED TO TEMPERATURES OF 120F OR MORE

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FIRE & EXPLOSION HAZARD DATA - CONTINUED

HMIS/NFPA RATINGS	Health	Flammibility	Reactivity
	2	0	1

SECTION V - HEALTH HAZARD INFORMATION

TLV: 1000 PPM PEL: N/E PPM Other: N/E

Effects of Overexposure:

LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, NARCOSIS, UNCONSCIOUSNESS, DEATH (VAPOR IS HEAVIER THAN AIR - SUFFOCATION COULD RESULT)
PERSONS WITH CARDIOVASCULAR DISEASE SHOULD AVOID THIS PRODUCT.

Primary Routes of entry:	X Inhalation	X Skin Contact
	Eye Contact	Ingestion

Emergency/First Aid Procedures:

Eyes:

FLUSH WITH WATER - CONSULT PHYSICIAN (AVOID EPINEPHRINE)

Skin:

WASH WITH SOAP AND WATER

Inhalation:

FRESH AIR, OXYGEN

Ingestion:

NOT LIKELY TO BE HAZARDOUS - DO NOT INDUCE VOMITING - CONSULT PHYSICIAN

SECTION VI - REACTIVITY DATA

X Stable	Conditions
Unstable	to avoid: HIGH TEMPERATURES (ABOVE 120 F)

Incompatibility: ALKALI OR ALKALINE EARTH METALS, Al, Z, Be, ETC.
(Materials to Avoid)

Hazardous Decomposition Products:

TOXIC GASES EMITTED IF CHEMICAL IS EXPOSED TO FLAME

Hazardous Polymerization:	May Occur	X Will not Occur
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SECTION VII - SPILL OR LEAK PROCEDURES

Procedures:

MATERIAL WILL VOLATIZE IMMEDIATELY IF CAN IS RUPTURED OR LEAKS

Waste Disposal:

ACCORDING TO GOVERNMENT REGULATIONS FOR SPENT AEROSOLS

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory:

USE SCBA - AVOID BREATHING OF VAPORS

Eyeware:

CHEMICAL GOGGLES ADVISED

Ventilation: Local Exhaust X Mechanical AS REQUIRED TO MEET TLV'S

Clothing/Gloves:

NOT NORMALLY REQUIRED

SECTION IX - SPECIAL PRECAUTIONS

Handling & Storing:

DO NOT STORE IN TEMPERATURES ABOVE 120 F OR CAN MAY BURST

Other:

USE WITH ADEQUATE VENTILATION

Prepared by: V. HAGEMAN

Date: 06/28/91