Material Safety Data Sheet

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

Product: 10-7100
Issue: 4
Date: 05/08/91
MSDS No: 0098
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SECTION I - MATERIAL IDENTIFICATION

Product Name: ANTI-STATIC FRIGON TP CLEANER
Chemical Family: MIXTURE
Contact: CHEMREC
Phone: 1-800-424-9300

JF Cleaner (Product # 10-7100)

SECTION II - INGREDIENTS

CAS Number    Chemical Name          WT% Exposure Limits (FFM)
76-13-1        TRICHLOROTRIFLUOROMETHANE 97 1000 TLV-PEL, 1250 STEL
61791-10-4     ANTI-STATIC               <.1 N/A
124-38-9       CARBON DIOXIDE PROPELLANT  2.9 10000 TLV-PEL, 30000 STEL

Comments:
* APPEARS IN SECTION 313 OF THE TOXIC CHEMICALS LIST OF TITLE III OF THE
  SUPERFUND AMENDMENT & REAUTHORIZATION ACT (SARA) OF 1986.
  NOT CARCINOGENIC

SECTION III - PHYSICAL DATA

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: >4
Solubility in H2O: NOT

Specific Gravity: 1.55 APPROX.
% Volatile by Volume: 99
Evaporation Rate: >1
Form: Liquid
Solid
Gas

Appearance and Odor:
CLEAR, COLORLESS - ALCOHOL ODOR

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point: NONE
Open Cup N/A
Closed Cup N/A
Flammable Limits (% in Air) N/A

Extinguishing Media:
X CO2
H2O
N2O Fog
X Chem Foam
Dry Chem

Special Fire Fighting Procedures:
VENTILATE AREA WELL - USE SCBA DUE TO THE TOXIC GAS EMISSIONS WHEN EXPOSED
TO FLAME
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Unusual Fire & Explosion Hazards:
CAN MAY BURST IF TEMPERATURE EXCEEDS 120F

HMIS/HFFA RATINGs
Health Flammability Reactivity
1 0 1

SECTION V - HEALTH HAZARD INFORMATION

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

Effects of Overexposure:
LIGHT HEADEDNESS, SHORTNESS OF BREATH, NARCOSIS, CARDIAC IRREGULARITIES,
UNCONSCIOUSNESS, OR DEATH. (REPEATED EYE OR SKIN CONTACT CAN CAUSE
DISCOMFORT AND IRRITATION)

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

Emergency/First Aid Procedures:
Eyes:
FLUSH WITH WATER FOR AT LEAST 15 MINUTES - CONSULT PHYSICIAN

Skin:
WASH WITH SOAP AND WATER

Inhalation:
FRESH AIR, OXYGEN, ARTIFICIAL RESPIRATION - CONSULT PHYSICIAN

Ingestion:
DO NOT INDUCE VOMITING - CONSULT PHYSICIAN

SECTION VI - REACTIVITY DATA

X Stable
Unstable Conditions to avoid: HIGH TEMPERATURES AND IGNITION SOURCES

Incompatibility: NONE
(Materials to Avoid)

Hazardous Decomposition Products:
CO, CO2, CHLORINE, FLUORINE COMPOUNDS, HCl

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

Procedures:
PICK UP WITH INERT ABSORBENT MATERIAL - STORE IN SEALED METAL CONTAINERS FOR DISPOSAL

Waste Disposal:
LICENSED WASTE DISPOSAL FACILITY, OR PER GOVERNMENT REGULATIONS

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory: SCBA OR CARTRIDGE RESPIRATOR IF TLV EXC'D

Eyewear: SAFETY GLASSES

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

Clothing/Gloves: BUTYL GLOVES IF NECESSARY TO AVOID SKIN CONTACT

SECTION IX - SPECIAL PRECAUTIONS

Handling & Storing:
STORE IN A COOL, DRY AREA - AWAY FROM HIGH TEMPERATURES AND IGNITION SOURCES

Other:
CAN MAY BURST IF TEMPERATURE EXCEEDS 120F

Prepared by: V. HAGEMAN Date: 06/27/91