

GC THORSEN -- ANTI-STATIC FREON TF CLEANER, 10-7100 -- 6830-00N022691

===== Product Identification =====

Product ID:ANTI-STATIC FREON TF CLEANER, 10-7100
MSDS Date:06/27/1991
FSC:6830
NIIN:00N022691
MSDS Number: BLSNG
=== Responsible Party ===
Company Name:GC THORSEN
Address:1801 MORGAN ST
City:ROCKFORD
State:IL
ZIP:61105
Country:US
Info Phone Num:815-968-9661
Emergency Phone Num:815-968-9661;800-424-9300(CHEMTREC)
Preparer's Name:V HAGEMAN
CAGE:E0177

=== Contractor Identification ===

Company Name:GC THORSEN
Address:1801 MORGAN STREET
Box:City:ROCKFORD
State:IL
ZIP:61105
Country:US
Phone:815-968-9661
CAGE:72653
Company Name:GC THORSEN
Address:1801 MORGAN STREET
Box:1209
City:ROCKFORD
State:IL
ZIP:61105-1209
Country:US
Phone:815-968-9661
CAGE:E0177

===== Composition/Information on Ingredients =====

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA
III)

CAS:76-13-1
RTECS #:KJ4000000
Fraction by Wt: 97%
OSHA PEL:1000PPM/1250STEL
ACGIH TLV:1000PPM/1250STEL9192
Ozone Depleting Chemical:1

Ingrid Name:ANTI-STATIC COMPOUND
CAS:61789-68-2
RTECS #:UZ2996200
Fraction by Wt: <0.1%

Ingrid Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 2.9%
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;93

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:LIGHT HEADEDNESS, SHORTNESS OF BREATH,
NARCOSIS, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS, OR DEATH.
(REPEATED EYE OR SKIN CONTACT CAN CAUSE DISCOMFORT AND IRRITATION).
CHLOROFLUOROCARBON (CFC) MATLS H AVE PRODUCED SENSITIZATION OF THE
MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE A SIMILAR
(SEE EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ: EFT IN HUMANS. ADRENOMIMETICS (E.G.,
EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES
IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO CFC'S .
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL MD.
SKIN: WASH WITH SOAP AND WATER. INHAL: FRESH AIR, OXYGEN,
ARTIFICIAL RESPIRATION. CALL MD. INGEST: DO NOT INDUCE VOMITING.
CALL MD.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:NONE

Extinguishing Media:CO*2, CHEMICAL FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA
& FULL PROTECTIVE EQUIPMENT . VENTILATE AREA.

Unusual Fire/Explosion Hazard:CAN MAY BURST IF TEMPERATURE EXCEEDS
120F. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE CHLORIDES,
FLUORIDES & PHOSGENE .

===== Accidental Release Measures =====

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA - AWAY FROM
HIGH TEMPERATURES AND IGNITION SOURCES.

Other Precautions:CAN MAY BURST IF TEMP EXCEEDS 120F. NO SMOKING IN
AREA OF USE. DO NOT USE IN GENERAL VICINITY OF ARC WELDING, OPEN
FLAMES OR HOT SURFACES. HEAT AND/OR UV RADIATION MAY CAUSE THE
FORMATION OF CHLORIDES , FLUORIDES & PHOSGENE .

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED SCBA OR CARTRIDGE RESPIRATOR
IF TLV EXCEEDED.

Ventilation:MECHANICAL AS REQUIRED TO MEED TLV'S.

Protective Gloves:BUTYL GLOVES IF NECESSARY TO AVOID CONT.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

Vapor Density:>4

Spec Gravity:1.55 APPROX

Evaporation Rate & Reference:>1

Solubility in Water:NOT SOLUBLE

Appearance and Odor:CLEAR, COLORLESS - ALCOHOL ODOR.

Percent Volatiles by Volume:99

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:HIGH TEMPERATURES AND IGNITION SOURCES.

Hazardous Decomposition Products:CO, CO*2, CHLORINE, FLUORINE
COMPOUNDS, HCL. CHLORIDES, FLUORIDES & PHOSGENE .

===== Disposal Considerations =====

Waste Disposal Methods:LICENSES WASTE DISPOSAL FACILITY, OR PER
GOVERNMENT REGULATIONS. DISPOSAL MUST BE IN ACCORDANCE WITH
FEDERAL, STATE AND LOCAL REGULATIONS .

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.