

GC THORSEN -- FLUX REMOVER - FLUX REMOVAL COMPOUND
MATERIAL SAFETY DATA SHEET
NSN: 6850006022347
Manufacturer's CAGE: 72653
Part No. Indicator: A
Part Number/Trade Name: FLUX REMOVER

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General Information
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Item Name: FLUX REMOVAL COMPOUND
Company's Name: GC THORSEN
Company's Street: 1801 MORGAN STREET
Company's P. O. Box: 1209
Company's City: ROCKFORD
Company's State: IL
Company's Country: US
Company's Zip Code: 61105-1209
Company's Emerg Ph #: 815-968-9661 (CHEMTREC 800-424-9300)
Company's Info Ph #: 815-968-9661
Record No. For Safety Entry: 005
Tot Safety Entries This Stk#: 005
Status: SE
Date MSDS Prepared: 13MAY93
Safety Data Review Date: 09JUL93
Supply Item Manager: CX
MSDS Preparer's Name: M. WINSEL
MSDS Serial Number: BQYFX
Specification Number: UNKNOWN
Spec Type, Grade, Class: UNKNOWN
Hazard Characteristic Code: J7
Unit Of Issue: CN
Unit Of Issue Container Qty: 1 X 16 OUNCES
Type Of Container: AEROSOL CAN
Net Unit Weight: 16 OUNCES

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: METHYLENE CHLORIDE (SARA III)
Ingredient Sequence Number: 01
Percent: <54
NIOSH (RTECS) Number: PA8050000
CAS Number: 75-09-2
OSHA PEL: 500 PPM/C,1000; Z2
ACGIH TLV: 50 PPM, A2; 9293
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA III)
Ingredient Sequence Number: 02
Percent: 44
NIOSH (RTECS) Number: KJ4000000
CAS Number: 76-13-1
OSHA PEL: 1000PPM/1250STEL
ACGIH TLV: 1000PPM/1250STEL9293
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: CARBON DIOXIDE
Ingredient Sequence Number: 03
Percent: 3
NIOSH (RTECS) Number: FF6400000
CAS Number: 124-38-9

OSHA PEL: 5000 PPM
ACGIH TLV: 5000PPM/30000STEL;93
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR LIQUID WITH SOLVENT ODOR
Boiling Point: 97.0F,36.1C
Melting Point: UNKNOWN
Vapor Pressure (MM Hg/70 F): 500 MM HG
Vapor Density (Air=1): 2.7(AIR=1)
Specific Gravity: 1.47
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: 11 (N-BUTYL ACETATE=1)
Solubility In Water: SLIGHT
Percent Volatiles By Volume: 100
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Flash Point: NONE
Extinguishing Media: CARBON DIOXIDE, CHEMICAL FOAM, OR DRY CHEMICAL
Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING.
Unusual Fire And Expl Hazrds: TOXIC FUMES GENERATED BY EXPOSURE TO FLAME
OR FIRE.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): EXTREME HIGH TEMPERATURES. CONTACT WITH STRONG
OXIDIZING AGENTS, TIN, ALUMINUM, LITHIUM, BARIUM, TITANIUM, NAK ALLOYS
Materials To Avoid: STRONG OXIDIZING AGENTS, ALUMINUM, BARIUM, NAK ALLOYS,
LITHIUM, TIN, TITANIUM
Hazardous Decomp Products: PHOSGENE, CHLORINE COMPOUNDS
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE

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Health Hazard Data
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LD50-LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: INHALATION MAY CAUSE CENTRAL NERVOUS
SYSTEM DEPRESSION. CONTACT WITH SKIN OR EYES MAY CAUSE DERMATITIS OR
CONJUNCTIVITIS. INGESTION MAY CAUSE GI TRACT IRRITATION AND CARDIAC
IRREGULARITIES. CHRONIC: NONE STATED.
Carcinogenicity - NTP: YES
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NTP LISTS METHYLENE CHLORIDE AS AN
ANTICIPATED CARCINOGEN, ALSO KNOWN IN STATE OF CA. AS CANCER AGENT.
Signs/Symptoms Of Overexp: INHALED: HEADACHE, DIZZINESS, NARCOSIS,
DEPRESSION, NAUSEA, SHORTNESS OF BREATH, CARDIAC IRREGULARITIES,
UNCONSCIOUSNESS, DEATH. SKIN/EYES: REDNESS, DISCOMFORT. INGESTION: NAUSEA,
VOMITING, CARDIAC IRREGULARITIES.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: INHALED: MOVE TO FRESH AIR. GIVE ARTIFICIAL
RESPIRATION IF BREATHING STOPPED. GET MEDICAL ATTENTION. EYES: FLUSH WITH
LOTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE
CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE
VOMITING! GET IMMEDIATE MEDICAL ATTENTION. (DOCTORS: DO NOT ADMINISTER

EPINEPHRINE).

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: VENTILATE AREA. ABSORB WITH INERT MATERIAL AND PLACE IN A CLEAN, MARKED CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: INCINERATE AT AN APPROVED FACILITY OR RECYCLE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: STORE IN A COOL, DRY PLACE AWAY FROM HEAT AND FLAME AND STRONG OXIDIZING AGENTS/LIGHT METALS.

Other Precautions: NONE

Control Measures

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST IN ORDER TO MEET TLV'S.

Protective Gloves: NONE NORMALLY REQUIRED. RUBBER, PVA

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: CLOTHING TO PREVENT PROLONGED OR REPEATED CONTACT. HMIS: EYE WASH RECOMMENDED.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Transportation Data

Trans Data Review Date: 93190

DOT PSN Code: AGD

DOT Proper Shipping Name: AEROSOLS, NON-FLAMMABLE,

DOT Class: 2.2

DOT ID Number: UN1950

DOT Label: NONFLAMMABLE GAS

IMO PSN Code: AIY

IMO Proper Shipping Name: AEROSOL DISPENSERS

IMO Regulations Page Number: 9022

IMO UN Number: 1950

IMO UN Class: 9

IMO Subsidiary Risk Label: -

IATA PSN Code: ANB

IATA UN ID Number: 1950

IATA Proper Shipping Name: AEROSOLS, NON-FLAMMABLE, N.O.S.

IATA UN Class: 2.2

IATA Label: NON-FLAMMABLE GAS

AFI PSN Code: HDO

AFI Prop. Shipping Name: COMPRESSED GAS, N.O.S.

AFI Class: 2.2

AFI ID Number: UN1956

AFI Label: NON-FLAMMABLE GAS

AFI Basic Pac Ref: 6-6,6-8,6-10

N.O.S. Shipping Name: CONTAINS METHYLENE CHLORIDE AND FREON 113

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 09JUL93

Label Status: F

Common Name: FLUX REMOVER

Chronic Hazard: NO
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: INHALATION MAY CAUSE CENTRAL NERVOUS SYTEM
DEPRESSION. CONTACT WITH SKIN OR EYES MAY CAUSE DERMATITIS OR
CONJUNCTIVITIS. INGESTION MAY CAUSE GI TRACT IRRITATION AND CARDIAC
IRREGULARITIES. STORE IN A COOL, DRY PLACE AWAY FROM HEAT AND FLAME AND
STRONG OXIDIZING AGENTS OR LIGHT METALS. FIRST AID: INHALED: MOVE TO FRESH
AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. GET MEDICAL
ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER.
INGESTED: DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION.
(DOCTORS: DO NOT ADMINISTER EPINEPHRINE).
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: GC THORSEN
Label Street: 1801 MORGAN STREET
Label P.O. Box: 1209
Label City: ROCKFORD
Label State: IL
Label Zip Code: 61105-1209
Label Country: US
Label Emergency Number: 815-968-9661(CHEMTREC 800-424-9300)

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