

CHEMTRONICS INC -- CLEANING AND LUBRICATING COMPOUND -- 6850-00-003-5295

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

Product ID:CLEANING AND LUBRICATING COMPOUND

MSDS Date:09/18/1990

FSC:6850

NIIN:00-003-5295

MSDS Number: BCTYQ

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

City:KENNESAW

State:GA

ZIP:30144

Country:US

Info Phone Num:404-424-4888 FAX 404-424-4267

Emerg

ency Phone Num:404-424-4888/800-424-9300(CHEMTREC)

Preparer's Name:MICHAEL WATKINS

CAGE:2M589

=== Contractor Identification ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

Box:City:KENNESAW

State:GA

ZIP:30152

Country:US

Phone:770-424-4888/800-645-5244

CAGE:21267

Company Name:CHEMTRONICS INC (CANCELLED USE 21267)

City:HAUPPAUGE

State:NY

ZIP:11760

Country:US

CAGE:2M589

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION

Address:80 FIRST STREET

Box:City:GRETNA

State:LA

ZIP:7005

3  
Country:US  
Phone:504-362-3232, OR 800-535-4095  
CAGE:27978

===== 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%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000PPM/1250STEL  
ACGIH TLV:1000PPM/1250STEL9192  
Ozone Depleting Chemical:1

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)  
CAS:75-71-8  
RTECS #:PA8200000  
Fraction by Wt: 35%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

Ingred Name:SILICON FLUID  
CAS:63148-62-9  
RTECS #:JT6485000  
Fraction by Wt: 5%  
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >10,000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUC

IT IS IRRITATING TO BODY TISSUES,  
IT IS A CENTRAL NERVOUS SYSTEM DEPRESSANT, CAUSING NAUSEA AND  
DIZZINESS. CHRONIC SKIN EXPOSURE MAY CAUSE DERMATITIS. IT HAS A  
LOW TOXICITY.

Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT  
IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA, STUPOR  
OR DULLNESS, LETHARGY AND DRUNKENNESS. VERY HIGH CONCENTRATIONS MAY  
LEAD TO UNCONSCIOUSNESS OR EVEN DEATH IN CON

FINED OR POORLY

VENTILATED AREAS. REPEA TED SKIN CONTAC CAUSES REDDNESS. EYE  
CONTACT CAUSES DISCOMFORT.

Medical Cond Aggravated by Exposure:CARDIOVASCULSR DISEASE.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH  
SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE  
REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF  
NECESSARY. INGESTED:D O NOT INDUCE VOMITING. GIVE 2 LAR

GE GLASSES

OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY  
MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A  
DOCTOR.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH  
MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

USE WATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE! EXPOSURE TO  
TEMPERATURES OVER 130 F MAY RESULT IN RUPTURE OF THE CONTAINER.

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

Spill Release Procedures:SMALL SPILL: WIPE UP WITH RAGS OR TOWELS.

VENTILATE AREA. RESIDUE WILL EVAPORATE QUICKLY. DO NOT FLUSH TO  
SEWER OR WATERWAY.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:STORE BELOW 130 F. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE. DEPRESSURIZE BEFORE DISPOSAL. ROTATE STOCK.  
Other Precautions:VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. DO NOT ENTER WHERE VAPORS ARE SUSPECTED WITHOUT SELF CONTAINED BREATHING APPARATUS AND AN OBSERVER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR  
OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. IF EXPOSED ABOVE 1000 PPM USE ONLY A SUPPLIED AIR RESPIRATOR. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE  
Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF PEL/TLV IS EXCEEDED.  
Protective Gloves:NEOPRENE, PVA GLOVES RECOMMENDED.  
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES  
Other Protective Equipment:APRON AND WORK CLOTHING TO MINIMIZE EXPOSURE.  
EYE WASH STATION & SAFETY SHOWER RECOMMENDED.  
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.  
Supplemental Safety and Health  
CHEMICAL NAME &  
SYNONYMS-DICHLORODIFLUOROMETHANE-TRICHLOROTRIFLUOROETHANE;POLY(DIMETHYL) SILOXANE

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

HCC:V2  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:118F,48C  
Vapor Pres:334 MM  
Vapor Density:6.5  
Spec Gravity:1.57  
Evaporation Rate & Reference:>1 (N-BUTYL ACETATE = 1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:COLORLESS LIQUID, SOLVENT ODOR  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
ALKALI AND ALKALINE EARTH METALS, POWDERED REACTIVE METALS SUCH AS AL, ZN, BE, STRONG BASES  
Stability Condition to Avoid:SPRAYING NEAR FLAME OR HOT SURFACES  
Hazardous Decomposition Products:WHEN INV

OLVED IN FIRE, PRODUCT EMITS

TOXIC AND IRRITATING FUMES OF HYDROGEN CHLORIDE, HYDROGEN FLUORIDE &  
CARBONYL HALIDE

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

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL  
REGULATIONS. DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.

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