

CHEMTRONICS INC -- E-SERIES ELECTRONICS CLEANER/DEGREASER 2000 -- 6850-01-393-9049

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

Product ID:E-SERIES ELECTRONICS CLEANER/DEGREASER 2000

MSDS Date:08/19/1994

FSC:6850

NIIN:01-393-9049

MSDS Number: BWNSN

=== 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

Em

ergency Phone Num:404-424-4888

Preparer's Name:MICHAEL S. 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

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

Ingred Name:DICHLOROFLUOROETHANE

CAS:1717-00-6

Fraction by W

t: 90-95%
Other REC Limits:NONE RECOMMENDED
Ozone Depleting Chemical:2

Ingred Name:DENATURED ALCOHOL (MIXTURE OF ETHANOL, ETHYL ACETATE,
METHANOL, METHYL ISOBUTYL KETONE)
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYLCYCLOHEXANE
CAS:108-87-2
RTECS #:GV6125000
Fraction by Wt: 0.1-1.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM; 9394

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 1.0-5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5
000 PPM
ACGIH TLV:5000PPM/30000STEL;94

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

LD50 LC50 Mixture:INHALATION LD50 (RAT) IS >5 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES-LIQUID, AEROSOLS & VAPORS ARE
IRRITATING. SKIN-CONTACT CAUSES SKIN IRRITATION. INGESTION-HARMFUL
IF SWALLOWED. IRRITATING TO MOUTH,THROAT & STOMACH.
INHALATION-HARMFUL IF INHALED.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYES-CAN CAUSE PAIN, TEARING, REDDENING &
SWELLING. INGESTION-MAY CAUSE VOMITING. INHALATION-HIGH
CONCENTRATIONS OF VAPORS IN IMMEDIATE AREA CAN DISPLACE OXYGEN AND
CAUSE DIZZINESS, UNCONSCIOUSNESS, AND EVEN DEATH WITH LONGER
EXPOSURE. KEEPPEOPLE AWAY FROM SUCH VAPORS WITHOUT SELF-CONTAINED
BRE

ATHING APPARATUS.

Medical Cond Aggravated by Exposure:HEART, LUNG, SKIN, EYE.

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

First Aid:EYES-IMMEDIATELY FLUSH WITH PLENTY OF WATER. HAVE EYES EXAMINED. SKIN-WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION FOR IRRITATION. INGESTION-INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL.KEEP HEAD BELOW KNEES. GET IMMEDIATE MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, CPR OR OXYGEN. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:NONE TO BOILING

Lower Limits:7.6

Upper Limits:17.7

Extinguishing Media:USE ALCOHOL FOAM, CARBON DIOXIDE, OR WATER SPRAY WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.

Fire Fighting Procedures:AS WITH ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND, MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SMALL SPILL: ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH) THEN PLACE IN A CHEMICAL WASTE CONTAINER FOR PROPER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT REUSE THIS CONTAINER. STORE IN

A COOL DRY PLACE AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID DIRECT SUNLIGHT.

Other Precautions:AVOID PROLONGED OR REPEATED CONTACT WITH EYES, SKIN AND CLOTHING. WASH HANDS BEFORE EATING. USE WITH ADEQUATE VENTILATION. AVOID BREATHING PRODUCT VAPOR OR MIST.

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

Respiratory Protection:WEAR A POSITIVE PRESSURE AIR-SUPPLIED RESPIRATOR IN SITUATIONS WHERE THERE MAY BE POTENTIAL FOR

AIRBORNE EXPOSURE.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT. LOCAL EXHAUST VENTILATION MAY BE NECESSARY.

Protective Gloves:RUBBER/CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HNADS THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONFLAMMABLE GAS.

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

HCC:V2

Boiling Pt:=32.2C, 90.F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:10 PSIA

Vapor Density:>1

Spec Gravity:1.23

pH:NA

Viscosity:1

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:MODERATE

Appearance and Odor:CLEAR, COLORLESS LIQUID. ETHERAL ODOR.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

DO NOT MIX WITH POWDERED ALKALI AND ALKALINE EARTH METALS OR STRONG

OXIDIZING AGENTS.

Stability Condition to Avoid:DO NOT SPRAY NEAR OPEN FLAMES, RED HOT SURFACES OR OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE CARBON MONOXIDE, CARBON DIOXIDE & INCOMPLETELY BURNED HYDROCARBONS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE.

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.