

CHEMTRONICS INC -- ES1202/ES1602.ES2202 E-SERIES CONTACT CLEAN 2000 -- 6850-01-393-9050

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

Product ID:ES1202/ES1602.ES2202 E-SERIES CONTACT CLEAN 2000

MSDS Date:07/14/1994

FSC:6850

NIIN:01-393-9050

MSDS Number: BYDMN

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

City:KENNESAW

State:GA

ZIP:30144

Country:US

Info Phone Num:800-64

5-5244

Emergency Phone Num:800-424-9300/800-TECH-401

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:NO INGREDIENT FOR THIS FOR

## MULATION\_INGREDIENT

### ===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:LIQ WILL IRRIT EYES/SKIN UNDER  
REPEATED/PROLONGED EXPO.BREAHTING HIGH CONCEN OF PRODUCT VAP MAY  
PRODUCE DROWSINESS & HEADACHE. EYE:LIQ/AEROSOL/VAP IRRIT,CAUSE  
PAIN,TEARING,REDDENING,SWELLING ACCOMPANI ED BY STINGING SENSATION.  
SKIN:IRRIT. INGEST:HARMF  
UL.IRRIT MOUTH/THROAT/STOMACH.CAUSE VOMIT.  
INHAL:HARMFUL.(SUPPLEMENTA)  
Explanation of Carcinogenicity:PER MSDS:CANCER INFO:NO INGRED S LISTED  
AS HUMAN CARCINOGEN BY NTP/IARC.  
Effects of Overexposure:IRRIT EYES/SKIN. DROWSINESS, HEADACHE. CAUSE  
PAIN,TEARING,REDDENING,SWELLING STINGING SENSATION CONTACT W/EYES.  
INGEST:HARMFUL,IRRIT MOUTH/THROAT/STOMACH,VOMIT.  
INHAL:HARMFUL,DISPLACE OXY CAUSING DIZZ ,UNCONSC,DEATH.  
Medical Cond Aggravated by Exposure:HEART, LUNG, SKIN, EYE.

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

First Aid:EYES:IMMED FLUSH W/PLENTY OF WATER.AFT INITIAL FLUSING REMOVE  
CONTACT LENSES,CONT FLUSHING FOR @LEAST 15MINS.IRRIT  
DEVELOPS/PERSISTS EXAMIN/TEST EYES BY MED PERSONNEL.SKIN:WASH  
W/SOAP/WATER.REMOVE CON TAIN CLOTH.IRRIT DEVELOPS/PERSIST GET MED  
ATTN.INGEST:INDU E VOMIT IMMED PER MED PERSONNEL.KEEP HEAD BELOW  
KNEES TO MIN CHANCES OF ASPIRATING MATL INTO LUNGS.INHAL:REMOVE TO  
FRESH AIR.NOT(SUPPLEMENT  
)

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

Flash Point Method:TCC  
Flash Point:NONE TO BOILING  
Lower Limits:7.5  
Upper Limits:19.2  
Extinguishing Media:NON-FLAMMABLE.USE ALCOHOL FOAM, CARBON DIOXIDE, OR  
WATER SPRAY WHEN FIGHTING FIRES INVOLVING THIS MATL.  
Fire Fighting Procedures:AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING  
APPARATUS (PRESSURE-DEMAND,MSHA/NIOSH APPROVED OR EQUIVALENT) &  
FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY M

MANUFACTURER.

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

Spill Release Procedures: SHUT OFF LEAK W/O RISK. WEAR SCBA/ APPROPRIATE PPE. ABSORB W/ INERT MATL (DRY SAND, EARTH). PLACE IN CHEM WASTE CNTNR FOR PROPER DISPOSAL. DO NOT FLUSH TO SEWER. AVOID RUNOFF INTO STORM SEWERS/ DITCHES LEADING TO WATERWAYS. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling

Handling and Storage Precautions: AVOID PROX/REP EYE/SKIN/CLOTH CONTACT. USE W/ ADEQUATE VENTILATION. AVOID BREATH VAP/ MIST. DO NOT REUSE CNTNR. STORE IN COOL, DRY PLACE AWAY FROM HEAT/ SPARKS/ FLAME.

Other Precautions: KEEP CNTNR CLOSED WHEN NOT IN USE. DO NOT STORE IN DIRECT SUNLIGHT. KEEP OUT OF REACH OF CHILDREN. PRODUCT: LEVEL 1 AEROSOL. DO NOT PUNCTURE/ INCINERATE CNTNR. NOR VENTI FOR STANDARD MFG PRACTICE USUALLY ADEQUATE. LOCAL EXHAUST SHOULD BE USED WHEN LARGE AMOUNTS (SUPPLEMENTAL)

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

Respiratory Protection: WEAR POSITIVE PRESSURE AIR-SUPPLIED RESPIRATOR IN SITUATIONS WHERE THERE MAY BE POTENTIAL FOR AIRBORNE EXPOSURE. Ventilation: GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS. LOCAL EXHAUST VENTILATION NECESSARY TO CONTROL AIR CONTAMINATION LEVELS.

Protective Gloves: RUBBER OR OTHER CHEM RESISTANT GLOVES.

Eye Protection: SAFETY GLASSES W/ SIDE SHIELD (GOGGLES), FACE SHIELD

Other Protective Equipment: WASH HANDS BEFORE EATING/ AFTER HANDLING. WASH CONTAMINATED CLOTHING SEPARATELY BEFORE REUSE.

Work Hygienic Practices: WASH HANDS AFTER HANDLING. WASH CONTAMINATED CLOTHING SEPARATELY BEFORE REUSE.

Supplemental Safety and Health

HEALTH HAZARD: HIGH VAPOR CONCENTRATION CAN DISPLACE OXYGEN & CAUSE DIZZINESS, UNCONSCIOUSNESS, EVEN DEATH WITH LONGER EXPOSURE. FIRST AID: BREATH GIVE ARTIFICIAL RESPIRATION. DIFFICULT BREATH GIVE OXYGEN. GET MEDICAL ATTENTION. OTHER PRECAUTION: RELEASED. KEEP PEOPLE AWAY FROM HIGH VAPOR CONCENTRATION AREAS WITHOUT SCBA; PRODUCT DISPLACES OXYGEN.

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

HCC: V2

Boiling Point: 32.2°C, 90°F

0.F  
Vapor Pres:10PSI@70F  
Vapor Density:>1  
Spec Gravity:1.20  
Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)  
Solubility in Water:NEGLIGIBLE.  
Appearance and Odor:CLEAR, COLORLESS LIQUID W/STRONG ETHEREAL ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
DO NOT MIX W/POWDERED ALKALI & ALKALINE EARTH METALS OR STRONG  
OXIDIZING AGENTS.  
Stability Condition to Avoid:DO NOT SPRAY NEAR OPEN FL  
AMES, RED HOT  
SRUFACES OR TOEHR SOURCES OF IGNITION.  
Hazardous Decomposition Products:THERM DECOMP MAY RELEASE CO, CO2,&  
INCOMPLETELY BURNED HYDROCARBONS,AS WELL AS HYDROCHLORIC &  
HYDROFLUORIC ACID VAP.

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

Waste Disposal Methods:REPORT SURFACE WATER SPILLS TO US COAST GUARD  
NAT RESP CNTR 800-424-8802.ADDN INFO CALL 800-645-5244.DISPOSE OF  
IAW ALL FED/STATE/LOC REGS.WATER RUNOFF CAN CAUSE EVNRIO  
DMG.CONTAIN  
S TOXIC CHEM SUBJ TO SEC 313 EPCRA  
REPORTING:METHANOL;MIK.

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