

~~CHEMTRONICS - CTSR 12 KONFORM SR 2000 AEROSOL~~  
MATERIAL SAFETY DATA SHEET  
NSN: 685000F036277  
Manufacturer's CAGE: 21267  
Part No. Indicator: A  
Part Number/Trade Name: CTSR 12 KONFORM SR 2000 AEROSOL

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General Information  
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Company's Name: CHEMTRONICS INC  
Company's Street: 8125 COBB CTR DR  
Company's City: KENNESAW  
Company's State: GA  
Company's Country: US  
Company's Zip Code: 30144  
Company's Emerg Ph #: 800-645-5244/800-832-4401  
Company's Info Ph #: 800-645-5244/800-832-4401  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 22JUN93  
Safety Data Review Date: 24AUG94  
MSDS Preparer's Name: MICHAEL S WATKINS  
Preparer's Company: CHEMTRONICS INC  
Preparer's St Or P. O. Box: 8125 COBB CTR DR  
Preparer's City: KENNESAW  
Preparer's State: GA  
Preparer's Zip Code: 30144  
MSDS Serial Number: BTVPW

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: 2-METHYL PENTANE  
Ingredient Sequence Number: 01  
Percent: 15-20  
NIOSH (RTECS) Number: SA2995000  
CAS Number: 107-83-5  
ACGIH TLV: 500 PPM

Proprietary: NO  
Ingredient: ACETONE; DIMETHYL KETONE; 2-PROPANONE  
Ingredient Sequence Number: 02  
Percent: 13-18  
NIOSH (RTECS) Number: AL3150000  
CAS Number: 67-64-1  
OSHA PEL: 750 PPM  
ACGIH TLV: 750 PPM

Proprietary: NO  
Ingredient: SILOXANES AND SILICONES, DI-ME, ME METHOXY, METHOXY PH,  
POLYMERS WITH ME PH SILSESQUIOXANES  
Ingredient Sequence Number: 03  
Percent: 10-15  
NIOSH (RTECS) Number: 1011655SS  
CAS Number: 68952-93-2

Proprietary: NO  
Ingredient: PROPANE  
Ingredient Sequence Number: 04  
Percent: 10-15  
NIOSH (RTECS) Number: TX2275000  
CAS Number: 74-98-6  
OSHA PEL: 1000 PPM  
ACGIH TLV: SIMPLE ASPHYXIANF  
Other Recommended Limit: 1800 MG/CUM

Proprietary: NO  
Ingredient: ISOBUTANE, 2-METHYLPROPANE  
Ingredient Sequence Number: 05  
Percent: 10-15  
NIOSH (RTECS) Number: TZ4300000

CAS Number: 75-28-5  
OSHA PEL: 1800 MG/CUM  
ACGIH TLV: 1000 PPM  
Other Recommended Limit: 1000 PPM

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Proprietary: NO  
Ingredient: 3-METHYL PENTANE  
Ingredient Sequence Number: 06  
Percent: 5-10  
NIOSH (RTECS) Number: SA2995500  
CAS Number: 96-14-0

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Proprietary: NO  
Ingredient: BUTANE, 2,3-DIMETHYL-  
Ingredient Sequence Number: 07  
Percent: 5-10  
NIOSH (RTECS) Number: EJ9350000  
CAS Number: 79-29-8

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Proprietary: NO  
Ingredient: BUTANE, 2,2-DIMETHYL  
Ingredient Sequence Number: 08  
Percent: 5-10  
NIOSH (RTECS) Number: EJ9300000  
CAS Number: 75-83-2

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Proprietary: NO  
Ingredient: PROPYLENEGLYCOL MONOMETHYL ETHER ACETATE, 1-METHOXY-2-PROPANOL  
ACETATE  
Ingredient Sequence Number: 09  
Percent: 2-5  
NIOSH (RTECS) Number: AI8925000  
CAS Number: 108-65-6  
OSHA PEL: 100 PPM  
ACGIH TLV: 150 PPM  
Other Recommended Limit: NOT ESTABLISHED

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Proprietary: NO  
Ingredient: HEXANE, N-HEXANE  
Ingredient Sequence Number: 10  
Percent: 0.1-1  
NIOSH (RTECS) Number: MN9275000  
CAS Number: 110-54-3  
OSHA PEL: 1800 MG/CUM  
ACGIH TLV: 176 MG/CUM  
Other Recommended Limit: 50 PPM

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Proprietary: NO  
Ingredient: TOLUENE  
Ingredient Sequence Number: 11  
Percent: 1-4  
NIOSH (RTECS) Number: XS5250000  
CAS Number: 108-88-3  
OSHA PEL: 100 PPM  
ACGIH TLV: 50 PPM  
Other Recommended Limit: 375 MG/CUM

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#### Physical/Chemical Characteristics

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Appearance And Odor: TRANSLUCENT, SLIGHTLY GREEN LIQUID W/HYDROCARBON  
ODOR.  
Boiling Point: (SEE SUPP)  
Vapor Density (Air=1): >1  
Specific Gravity: 0.74  
Evaporation Rate And Ref: (BU AC=1): >1  
Solubility In Water: SLIGHTLY SOLUBLE  
Percent Volatiles By Volume: 88.6

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#### Fire and Explosion Hazard Data

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Flash Point: -156F PROPELLANT  
Flash Point Method: TCC  
Extinguishing Media: ALCOHOL FOAM, CO2/WATER SPRAY

Special Fire Fighting Proc: WEAR SELF CONTAINED BREATHING APPARATUS;  
 PRESSURE DEMAND, MSHA/NIOSH APPROVED/EQUIVALENT & FULL PROTECTIVE GEAR.  
 Unusual Fire And Expl Hazrds: EXTREMELY FLAMMABLE.

Reactivity Data

Stability: YES  
 Cond To Avoid (Stability): OPEN FLAMES/OTHER IGNITION SOURCES  
 Materials To Avoid: RED HOT SURFACES, POWDERED ALKALI & ALKALINE EARTH METALS/STRONG OXIDIZING AGENTS.  
 Hazardous Decomp Products: CO, CO2 & INCOMPLETELY BURNED HYDROCARBONS  
 Hazardous Poly Occur: NO

Health Hazard Data

Route Of Entry - Inhalation: YES  
 Route Of Entry - Skin: NO  
 Route Of Entry - Ingestion: YES  
 Health Haz Acute And Chronic: EYES: LIQUID, AEROSOLS & VAPORS OF THIS PRODUCT ARE IRRITATING. SKIN: IRRITATION. INGESTION: HARMFUL. IRRITATING TO MOUTH, THROAT & STOMACH. MAY CAUSE OPTIC NERVE DAMAGE. INHALATION: HARMFUL. HIGH CONCENTRATIONS OF VAPORS IN IMMEDIATE AREA CAN DISPLACE OXYGEN & CAUSE DEATH W/LONGER EXPOSURE.  
 Carcinogenicity - NTP: NO  
 Carcinogenicity - IARC: NO  
 Carcinogenicity - OSHA: NO  
 Explanation Carcinogenicity: NONE  
 Signs/Symptoms Of Overexp: IRRITATION, PAIN, TEARING, REDDENING, SWELLING, STINGING SENSATION, DIZZINESS, UNCONSCIOUSNESS.  
 Med Cond Aggravated By Exp: HEART, LUNG, SKIN, EYES.  
 Emergency/First Aid Proc: EYES: FLUSH W/PLENTY OF WATER. REMOVE CONTACT LENSES & CONTINUE FLUSHING FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: PRODUCT CAN EVOLVE METHYL ALCOHOL ON EXPOSURE TO MOISTURE/WATER. TREAT THE SAME AS FOR METHYL ALCOHOL POISONING; INDUCE VOMITING ONLY IF DIRECTED BY MEDICAL PERSONNEL. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR/OXYGEN. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: LARGE: SHUT OFF LEAK SAFELY. WEAR SCBA & PROTECTIVE EQUIPMENT. ABSORB W/INERT MATERIAL. PLACE IN A CHEMICAL WASTE CONTAINER. DON'T FLUSH TO SEWER. AVOID RUNOFF INTO STORM SEWERS/DITCHES/WATERWAYS. SMALL: ABSORB W/INERT MATERIAL/PLACE IN CONTAINER.  
 Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. UN 1950 FLAMMABLE GAS.  
 Precautions-Handling/Storing: DON'T REUSE CONTAINER. STORE IN A COOL DRY PLACE AWAY FROM HEAT/SPARKS/FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. DON'T STORE IN DIRECT SUNLIGHT.  
 Other Precautions: DON'T PUNCTURE/INCINERATE CONTAINERS. USE W/ADEQUATE VENTILATION. AVOID BREATHING VAPOR/MIST. KEEP OUT OF REACH OF CHILDREN. AVOID PROLONGED/REPEATED CONTACT W/EYES, SKIN & CLOTHING. CARTON SHOULD CARRY A HAZARD LABEL: FLAMMABLE GAS.

Control Measures

Respiratory Protection: POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR WHERE THERE MAY BE POTENTIAL FOR AIRBORNE EXPOSURE.  
 Ventilation: GOOD GENERAL; SUFFICIENT TO CONTROL AIRBORNE LEVELS. LOCAL EXHAUST TO CONTROL AIR CONTAMINANTS FOR TLV DURING USE.  
 Protective Gloves: RUBBER/CHEMICALLY RESISTANT  
 Eye Protection: SAFETY GLASSES W/SIDE SHIELDS/GOGGLES  
 Other Protective Equipment: FULL FACE SHIELD.  
 Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING.  
 Suppl. Safety & Health Data: BOILING POINT: -43.7F PROPELLANT.

Transportation Data

Disposal Data

Label Data

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Label Required: YES  
Technical Review Date: 24AUG94  
Label Date: 24AUG94  
Label Status: F  
Common Name: KONFORM SR 2000 AEROSOL  
Chronic Hazard: YES  
Signal Word: DANGER!  
Acute Health Hazard-Severe: X  
Contact Hazard-Severe: X  
Fire Hazard-Severe: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: EYES: LIQUID, AEROSOLS & VAPORS OF THIS  
PRODUCT ARE IRRITATING. SKIN: IRRITATION. INGESTION: HARMFUL. IRRITATING TO  
MOUTH, THROAT & STOMACH. MAY CAUSE OPTIC NERVE DAMAGE. INHALATION: HARMFUL.  
HIGH CONCENTRATIONS OF VAPORS IN IMMEDIATE AREA CAN DISPLACE OXYGEN & CAUSE  
DEATH W/LONGER EXPOSURE. TARGET ORGANS: GI TRACT, OPTIC NERVE & RESPIRATORY  
TRACT. N/K  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: CHEMTRONICS INC  
Label Street: 8125 COBB CTR DR  
Label City: KENNESAW  
Label State: GA  
Label Zip Code: 30144  
Label Country: US  
Label Emergency Number: 800-645-5244/800-832-4401  
Year Procured: UNK