

CHEMTRONICS INC -- ES1020 ULTRJET SYSTEM REFILL -- 6850-01-412-0040

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

Product ID:ES1020 ULTRJET SYSTEM REFILL

MSDS Date:01/20/1997

FSC:6850

NIIN:01-412-0040

MSDS Number: BYRYD

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

City:KENNESAW

State:GA

ZIP:30144

Country:US

Info Phone Num:800-645-5244 FAX 707-424-4267

Emergency Phon

e Num:800-424-9300 CHEMTREC

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:ELECTRONIC TOOL COMPANY, INC.

Address:241 BLEAKLEY AVE

Box:158

City:BUCHANAN

State:NY

ZIP:10511

Country:US

Phone:914-769-1000

CAGE:51380

===== Com

position/Information on Ingredients =====

Ingred Name:TETRAFLUOROETHANE  
CAS:811-97-2  
Fraction by Wt: 100%  
Other REC Limits:1000 PPM-DUPONT AEL

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE OR SKIN CONTACT W/LIQUID  
MAY CAUSE FROSTBITE, IRRITATION. INGESTION MAY CAUSE FROSTBITE OF  
MOUTH/THROAT/ STOMACH.  
INHALATION OF VAPORS/MISTS MAY BE HARMFUL  
DUE TO OXYGEN DISPLACEMENT. CHRON IC: NONE SPECIFIED BY  
MANUFACTURER.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALED-DROWSINESS, HEADACHE, DIZZINESS.  
SKIN-IRRITATION, FROSTBITE. EYES-IRRITATION, FROSTBITE.  
INGESTED-FROSTBITE OF MOUTH/THROAT/STOMACH.  
Medical Cond Aggravated by Exposure:HEART, LUNGS, SKIN, EYE.

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

First Aid:EYES-TREAT FOR FROSTBITE THEN FLUSH WITH WATER FOR 15  
MINUTES. GET MEDICAL ATTN. SKIN-TREAT FOR FROSTBITE. GET MEDICAL  
ATTN. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL  
RESPIRATION AS NEEDED. GET MEDICAL ATTN. INGESTED-TREAT FROSTBITE.  
DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:NONE

Extinguishing Media:WATER FOG, CARBON DIOXIDE, FOAM.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:STOP LEAK IF POSSIBLE AND NO RISK. ABSORB  
SPILLED MATERIAL WITH INERT MATERIAL; THEN PLACE IN A CHEMICAL  
WASTE CONTAINER FOR PROPER DISPOSAL. DO

NOT FLUSH TO SEWER. AVOID

RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM HEAT, SPARKS, FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE IN DIRECT SUNLIGHT.

Other Precautions:USE WITH ADEQUATE VENTILATION. AVOID BREATHING PRODUCT VAPOR OR MIST. DO NOT REUSE CONTAINER.

KEEP OUT OF REACH OF

CHILDREN! FOR INDUSTRIAL USE ONLY! AVOID PROLONGED OR REPEATED CONTACT WITH EYES, SKIN OR CLOTHES. AVOID BREATHING VAPOR/MIST

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventila

tion:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

Protective Gloves:RUBBER OR OTHER CHEMICAL-RESISTANT GLOVE

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

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

Supplemental Safety and Health

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===== Physi  
cal/Chemical Properties =====

HCC:V2

Boiling Pt:=-26.7C, -16.F

Vapor Pres:4198

Vapor Density:3.18

Spec Gravity:1.21

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

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR, COLORLESS LIQUIFIED GAS WITH ETHEREAL ODOR IN AEROSOL CAN.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI AND ALKALINE EARTH METALS, STRONG OXIDIZING

AGENTS.

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

Hazardous Decomposition Products:HYDROFLUORIC ACID VAPORS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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