

WESTERN CHEMICAL INTL INC -- ELECTRONIC SOLV 631-914,COMPOUND,CLEANING LIQUID --  
6850-01-386-8410

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

Product ID:ELECTRONIC SOLV 631-914,COMPOUND,CLEANING LIQUID

MSDS Date:06/15/1994

FSC:6850

NIIN:01-386-8410

Status Code:A

MSDS Number: CJTPZ

=== Responsible Party ===

Company Name:WESTERN CHEMICAL INTL INC

Address:2939 N 67TH PLACE

City:SCOTTSDALE

State:AZ

ZIP:85251

C

Country:US

Info Phone Num:602-990-9487

Emergency Phone Num:602-990-9487

Preparer's Name:M. MICHAELS

CAGE:3T389

=== Contractor Identification ===

Company Name:WESTERN CHEMICAL INTERNATIONAL INC.

Address:2939 N 67TH PLACE

Box:City:SCOTTSDALE

State:AZ

ZIP:85251

Country:US

Phone:480-990-9487

Contract Num:SP0450-99-M-NK38

CAGE:3T389

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

Ingred Name:1,1-DICHLORO-1-FLUOROETHANE (SARA 313)

CAS:1717-00-6

RTECS #:KI0997000

Other REC Limits:

NONE RECOMMENDED  
Ozone Depleting Chemical:2

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)  
CAS:67-56-1  
RTECS #:PC1400000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 200 PPM  
ACGIH TLV:S,200PPM/250STEL; 96  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:NITROMETHANE  
CAS:75-52-5  
RTECS #:PA9800000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:20 PPM; 9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, HEART, CNS, RESPIRATORY & GI TRACTS. ACUTE- EYES:MAY CAUSE IRRITATION. SKIN:CAUSES DEFATTING, IRRITATION. INHALE:AT VERY HIGH CONCENTRATIONS MAY CAUSE CNS EFFECTS, CARDIAC AR RHYTHMIA. ORAL:MAY CAUSE GASTROINTESTINAL TRACT IRRITATION. CHRONIC- UNKNOWN.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, DISCOMFORT, TEARING, BLURRING OF VISION, COUGHING, DROWSINESS, CONFUSION, HEADACHE, DIZZINESS

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Lower Limits:7.6

Upper Limits:17.7

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL.  
USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL  
FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CORROSIVE AND TOXIC GASES MAY BE FORMED.

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Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. REMOVE OPEN FLAMES.  
VENTILATE AREA ESPECIALLY LOW PLACES. STOP LEAK IF POSSIBLE. REMOVE  
SPILL WITH INERT ABSORBENT MATERIAL. PLACE IN SUITABLE CONTAINERS  
FOR DISPOSAL OR REUSE. DO NOT FLUSH TO SEWER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA  
AWAY FROM  
OPEN FLAMES AND INCOMPATIBLE MATERIALS. DO NOT  
CONTAMINATE FOOD AND FEED.

Other Precautions:KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.  
FOR INDUSTRIAL USE ONLY. AVOID BREATHING VAPORS. AVOID CONTACT WITH  
EYES AND SKIN. USE WITH ADEQUATE VENTILATION. DO NOT TAKE  
INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE REQUIRED FOR ADEQUATELY VENTED WORK  
SITUATIONS. USE NIOSH-APPROVED  
AIR-SUPPLIED RESPIRATOR IF NEEDED.

Ventilation:ADEQUATE

Protective Gloves:NEOPRENE OR NITRILE RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:APRON AND WORK CLOTHING TO MINIMIZE  
EXPOSURE. EYE WASH STATION & SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,  
DRINKING/SMOKING.

Supplemental Safety and Health

===== Physical/Chemical

Properties =====

HCC:N1  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:=32.8C, 91.F  
Vapor Pres:10 @ 70F  
Vapor Density:4.0  
Spec Gravity:1.23  
Viscosity:NOT RELEVANT  
Evaporation Rate & Reference:>1 (ETHER=1)  
Solubility in Water:SLIGHT  
Appearance and Odor:CLEAR, COLORLESS LIQUID WITH SLIGHT ETHER-LIKE ODOR

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

Stability Indicator/Materials to Avoid:YES  
POWDERED METALS (ALUMINUM, MAGNESIUM, CALCIUM, ZINC)  
Stability Condi  
tion to Avoid:OPEN FLAMES, HOT SURFACES  
Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON  
DIOXIDE, HYDROCHLORIC ACID, HYDROFLUORIC ACID AND POSSIBLY  
PHOSGENE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. CONTRACT WITH A LICENSED FACILITY. REUSING OR  
RECYCLING IS RECOMMENDED.

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