

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

Country:US

Info Phone Num:602-990-9487

Emergency Phone Num:602-99

0-9487

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, C

OUGHING, 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.

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

Flas

h 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.

===== 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 RE

LEVANT

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 Condition 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.

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.