

CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC. -- 5018, 5018T LECTRA MOTIVE (AEROSOL) --  
6850-01-244-9614

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

Product ID:5018, 5018T LECTRA MOTIVE (AEROSOL)

MSDS Date:05/26/1994

FSC:6850

NIIN:01-244-9614

MSDS Number: CBSJX

=== Responsible Party ===

Company Name:CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC.

Address:885 LOUIS DRIVE

City:WARMINSTER

State:PA

ZIP:18974-2820

Cou

ntry:US

Info Phone Num:215-674-4300

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:ADAM SELISKER

CAGE:10136

=== Contractor Identification ===

Company Name:CRC INDUSTRIES, INC.

Address:885 LOUIS DRIVE

Box:City:WARMINSTER

State:PA

ZIP:18974-2869

Country:US

Phone:215-674-4300/ 800-521-3168

CAGE:023V4

Company Name:CRC INDUSTRIES, INC.

Address:885 LOUIS DRIVE

Box:City:WARMINSTER

State:PA

ZIP:18974-2820

Country:US

Phone:215-674-4300/800-424-9300

CAGE:10136

===== Composition/Infor

mation on Ingredients =====

Ingred Name:METHYLENE CHLORIDE (SARA 313) (CERCLA) (DICHLOROMETHANE)  
CAS:75-09-2  
RTECS #:PA8050000  
Fraction by Wt: 1-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM; Z-2  
ACGIH TLV:50 PPM, A2; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA 313) (CERCLA)  
CAS:127-18-4  
RTECS #:KX3850000  
Fraction by Wt: 70-100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM, Z-2  
ACGIH TLV:25PPM/100STEL,A3; 96  
E  
PA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;96

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE:INHAL:HEADACHES, DIZZINE  
SS,  
ANESTHESIA, UNCONSCIOUSNESS. EYE:CAUSES PAIN, SOME IRRIT.  
SKIN:IRRIT ON REPEATED EXPOSURE. CHRONIC:REPEATED OVEREXPO HAVE  
CAUSED LIVER & KIDNEY EFFECTS IN ANIMALS.  
Explanation of Carcinogenicity:PER  
MSDS:NTP/IARC/OSHA:YES.TETRACHLOROETHYLENE,DICHLOROMETHANE.HMIS:OSH  
A-NONE.NTP/IARC-DICHLOROMETHANE,(SEE OTHER PRECA)  
Effects of Overexposure:HEADACHES, DIZZINESS, ANESTHESIA,  
UNCONSCIOUSNESS, EYE PAIN, IRRIT. SKIN IRRIT.  
Medical Cond Aggravated by Exposure:RISK TO YOUR HE

ALTH DEPEDNS ON  
DURATION & LEVEL OF EXPOSURE.

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

First Aid:IF SYMPTOMS PERSIST CALL PHYSICIAN. INHAL:REMOVE TO FRESH AIR.APPLY ARTIFICIAL RESPIRATION IF NECESSARY. EYE:FLUSH W/LG AMTS OF WATER FOR 15MINS. SKIN:REMOVE CONTAMIN CLOTH.WASH AREA W/SOAP/WATER. ING EST:DO NOT INDUCE VOMIT.CALL PHYSICIAN.

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

Flash Point Method:TCC  
Flash Point:NONE  
Autoi  
gnition Temp:Autoignition Temp Text:NP  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:WATER FOG.  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.  
Unusual Fire/Explosion Hazard:AEROSOL CONTAINERS MAY EXPLODE WHEN HEATED ABOVE 120F.

=====  
Accidental Release Measures  
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Spill Release Procedures:USUALLY NOT A PROBLEM W/AEROSOLS. AREA SHOULD BE VENTILATED & AN ABSORBENT USED TO PICK UP EXCESS MATL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE.VAPORS ARE HEAVIER THAN AIR.DO NOT USE IN CONFINED SPACE W/OUT ADEQUATE VENTILATION.USE BREATHING APPARATUS IF NECESSARY.  
Other  
Precautions:CARCINOGEN:NTP-TETRACHLOROETHYLENE;IARC-TETRACHLOROETHYLENE NOT CLASSIFIABLE AS HUMAN CARCI.

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

Respiratory Protection:ABOVE TLV USE SELF-CONTAINED

BREATHING  
APPARATUS.

Ventilation:MAINTAIN VAPOR CONCENTRATION BELOW TLV.USE MECHANICAL MEANS  
IF NECESSARY.

Protective Gloves:SOLVENT RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NOT NORMALLY REQUIRED W/AEROSOL PRODUCT  
USAGE.

Work Hygienic Practices:WASH CONTAMIN CLOTH BEF REUSE.

Supplemental Safety and Health

PER MSDS:GOOD SOLVENT FOR MANY ORGANIC MATLS.

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

HCC:V2

Boiling Pt:B.P. Text:

>250F,>121C

Melt/Freeze Pt:M.P/F.P Text:ND

Decomp Temp:Decomp Text:NP

Vapor Pres:ND

Vapor Density:ND

Spec Gravity:1.60 @25C

pH:NA

Viscosity:NP

Evaporation Rate & Reference:RAPID, REF NOT GIVEN

Solubility in Water:SLIGHT SOLUBILITY

Appearance and Odor:COLORLESS LIQUID, IRRIT ODOR @HIGH CONCENTRATIONS.

Percent Volatiles by Volume:100

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

AVOID STORAGE IN ALUMINUM CONTA

INERS OR CONTACT W/ALUMINUM &/OR ZINC  
PRODUCTS.

Stability Condition to Avoid:AVOID OPEN FLAMES, ARCS OR HIGH  
TEMPERATURES.

Hazardous Decomposition Products:THERMAL-HYDROGEN CHLORIDE, CHLORINE, &  
SOME PHOSGENE.

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

Waste Disposal Methods:ALL USED & UNSED PRODUCT SHOULD BE DISPOSED OF  
IN CONFORMANCE W/LOCAL, STATE AND FEDERAL REGULATIONS.CONTAINS CHEM  
SUBJ TO RELEASE REPORTING UNDER SEC 313 OF SARA TITLE

III:

DICHLOROMETHANE 1-20%;TETRA CHLOROETHYLENE 70-100%.

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