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1301 E. 9th Street, #700
Cleveland OH 44114
(800) 726-9626



Material Safety Data Sheet

MSDS Form No. : MSDS05018
Item No. : 05018

**** MATERIAL SAFETY DATA SHEET ****

CRC LECTRA MOTIVE ELECTRIC PARTS CLEANER AEROSOL

Part # MSDS05018

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: CRC LECTRA MOTIVE ELECTRIC PARTS CLEANER AEROSOL

Product CAS: (none)

Product Code:

Synonyms: 05018; CRC LECTRA MOTIVE ELECTRIC PARTS CLEANER AEROSOL

Company Identification:

Name: CRC Industries, Inc.

Address: 885 Louis Drive

Address:

City: Warminster State: PA Zip: 18974

For information, call: HEALTH AND TECHNICAL CONTACTS: HEALTH ISSUES AND TECHNICAL INFORMATION

(8AM-5PM ET): 1-216-416-7200 X 5860

Emergency Number: ROCKY MOUNTAIN POISON CONTROL CENTER (24 HOURS EVERYDAY):
1-303-623-5716

Emergency Agency: CHEMTREC (24 HOURS EVERYDAY):

Number: 1-800-424-9300

MSDS Creation Date: 2/1/2006

Supersedes Date: 1/1/2003

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name	CAS	MIN	MAX
TETRACHLOROETHYLENE	127-18-4	95	95
CARBON DIOXIDE	124-39-0	5	5

Miscellaneous:

INGREDIENT	OSHA PEL	ACGIH TLV	OTHER LIMITS
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TETRACHLOROETHYLENE	25 PPM	25 PPM	N.E.
CARBON DIOXIDE	10,000 PPM	5,000 PPM	30,000 PPM

Lbs of VOC per Gallon Coating (minus water): 13.5
 Coating Density (lbs/gal): 0
 Solvent Density (lbs/gal): 0
 Percent Solvent (volume): 0
 Percent Solids (volume): 0
 Percent Water (volume): 0

**** SECTION 3 - HAZARDS IDENTIFICATION ****

NFPA: Health: 2 Fire: 0 Reactivity: 0 Other:
 HMIS: Health: 2 Fire: 0 Reactivity: 0 Special Protection: B

Miscellaneous:
 HMIS AND NFPA HAZARD RATINGS:
 PERSONAL PROT.: B
 SPECIFIC HAZ.: -

*SEE SECTION 8.

POTENTIAL HEALTH EFFECTS

Target Organs:
 PRIMARY ROUTES OF EXPOSURE: INHALATION AND SKIN.

Eye:
 HEALTH HAZARDS - SIGNS AND SYMPTOMS OF OVEREXPOSURE:
 ACUTE OVEREXPOSURE: IRRITATION.

Skin:
 HEALTH HAZARDS - SIGNS AND SYMPTOMS OF OVEREXPOSURE:
 ACUTE OVEREXPOSURE: IRRITATION.

Ingestion:

Inhalation:
 HEALTH HAZARDS - SIGNS AND SYMPTOMS OF OVEREXPOSURE:
 ACUTE OVEREXPOSURE: CAUSES CENTRAL NERVOUS SYSTEM EFFECTS, HEADACHES, DIZZINESS,
 DRUNKENNESS,
 IRRITATION TO UPPER RESPIRATORY TRACT, UNCONSCIOUSNESS AND IRREGULAR HEARTBEATS.
 CHRONIC OVEREXPOSURE: REPEATED OVEREXPOSURES HAVE CAUSED LIVER EFFECTS.

Miscellaneous:

CONDITIONS TO AVOID: AVOID CONTACT WITH SKIN. AVOID BREATHING OF VAPORS. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. IF VAPORS ARE SUSPECTED IN LOW AREAS, DO NOT ENTER UNLESS SPECIAL BREATHING APPARATUS IS USED AND AN OBSERVER IS PRESENT FOR ASSISTANCE. TETRACHLOROETHYLENE IS LISTED AS A CARCINOGEN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: RISK TO YOUR HEALTH DEPENDS ON DURATION AND LEVEL OF EXPOSURE.

**** SECTION 4 - FIRST AID MEASURES ****

Eye:

FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

Skin:

REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER.

Ingestion:

DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

Inhalation:

MOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NECESSARY.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Unusual Fire and Explosion Hazards:

AEROSOL CANS MAY EXPLODE ABOVE 120 F.

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED, NIOSH-APPROVED BREATHING APPARATUS FOR PROTECTION AGAINST SUFFOCATION AND POSSIBLE TOXIC DECOMPOSITION PRODUCTS. PROPER EYE AND SKIN PROTECTION SHOULD BE PROVIDED.

Extinguishing Media:

THIS MATERIAL DOES NOT BURN. USE EXTINGUISHING AGENT FOR SURROUNDING FIRE

Flash Point:

NONE - TCC

Flammable Limits:

Lower Limit:

NONE

Upper Limit:

NONE

AutoIgnition Temperature:

NONE

General Information:

FLAMMABILITY LIMITS (%): N.A.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Disposal:

ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED OF IN CONFORMANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

RCRA HAZARDOUS WASTE NUMBER: F002.

Spills/Leaks:

KEEP OUT OF WATER SUPPLY. VENTILATE AREA. DO NOT ENTER SPILL AREA WITHOUT RESPIRATOR. DIKE AREA AND PUMP INTO CONTAINERS OR USE ABSORBENT TO PICK UP.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

AVOID CONTACT WITH SKIN. AVOID BREATHING OF VAPORS. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. IF VAPORS ARE SUSPECTED IN LOW AREAS, DO NOT ENTER UNLESS SPECIAL BREATHING APPARATUS IS USED AND AN OBSERVER IS PRESENT FOR ASSISTANCE. TETRACHLOROETHYLENE IS LISTED AS A CARCINOGEN.

Storage:

STORE IN A COOL DRY AREA OUT OF DIRECT SUNLIGHT. BELOW 120 F

AEROSOL STORAGE LEVEL: I

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

ENGINEERING CONTROLS: ADEQUATE VENTILATION TO PREVENT ACCUMULATION OF VAPORS.

Eyes:

SAFETY GLASSES

Skin:
SOLVENT RESISTANT PROTECTIVE GLOVES.

Clothing:
OTHER PROTECTIVE EQUIPMENT: APRON AND BOOTS IF POSSIBILITY OF BODY CONTACT EXISTS.

Respirators:
USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS IF ACCUMULATION OF VAPORS IS SUSPECTED.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Appearance/Odor:
COLORLESS LIQUID - IRRITATING ODOR AT HIGH CONCENTRATIONS.

pH: NOT APPLICABLE
Vapor Pressure: 13 MM HG @ 68 F
Vapor Density: (AIR = 1): 5.76
Evaporation Rate: (ETHER = 1):>
Viscosity: NOT AVAILABLE
Boiling Point: 250 F
Freezing/Melting Point: FREEZING POINT: NOT DETERMINED
Decomposition Temperature: N/A
Solubility: IN WATER: SLIGHT
Specific Gravity: 1.619
Molecular Formula: N/A
Molecular Weight: N/A
Miscellaneous:

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
STABLE.

Conditions to Avoid:
DIRECT SUNLIGHT, OPEN FLAMES, WELDING ARCS AND OTHER HIGH TEMPS.

Incompatibilities with Other Materials:
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
AVOID STORAGE IN ALUMINUM CONTAINERS OR CONTACT WITH ALUMINUM AND/OR ZINC POWDERS.

Hazardous Decomposition Products:
THERMAL - HYDROGEN CHLORIDE, CHLORINE, AND SOME PHOSGENE. AVOID OPEN FLAMES, ARCS, OR HIGH TEM

ERATURES.

Hazardous Polymerization:
WILL NOT OCCUR.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Toxicological Information:
CARCINOGENICITY: YES

INGREDIENT	TEST	RESULT	ROUTE	SPECIES	
TETRACHLOROETHYLENE	LD50	>0 G/KG	DERMAL	RABBIT	
"	"	LD50	2629 MG/KG	ORAL	RAT
"	"	LD50	5200 MGKG/4H	INHALATION	MOUSE

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecological Information:
ECOTOXICITY: TETRACHLOROETHYLENE--96 HR LC50 RAINBOW TROUT: 5.28 MG/L (STATIC)
96 HR LC50 FATHEAD MINNOW: 13.4 MG/L
(FLOW-THROUGH)

PRESISTENCE/DEGRADABILITY: BIODEGRADATION UNDER AEROBIC CONDITIONS IS BELOW
DETECTABLE LIMITS.
BIODEGRADATION MAY OCCUR UNDER ANAEROBIC CONDITIONS. MAY INCREASE IN SOIL AND/OR
WATER WITH
ACCLIMATION

BIOACCUMULATION/ACCUMULATION: BIOCONCENTRATION POTENTIAL IS LOW (BCF LESS THAN
100)
MOBILITY ENVIRONMENT: POTENTIAL FOR MOBILITY IN SOIL IS MEDIUM

**** SECTION 13 - OTHER PRECAUTIONS ****

Other Precautions:

Work/Hygienic Practices:

**** SECTION 14 - TRANSPORT INFORMATION ****

Transportation Information:

DOT SHIPPING NAME: CONSUMER COMMODITY, ORM-D

Label Information:

**** SECTION 15 - REGULATORY INFORMATION ****

Regulatory Information:

U.S. FEDERAL

TOXIC SUBSTANCES CONTROL ACT (TSCA):

ALL INGREDIENTS ARE EITHER LISTED ON THE TSCA INVENTORY OR ARE EXEMPT

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA)

REPORTABLE QUANTITIES (RQ'S) EXIST FOR THE FOLLOWING INGREDIENTS:

TETRACHLOROETHYLENE (100LBS)

SARA TITLE III:

HAZARD CATEGORIES:

ACUTE HEALTH: YES

CHRONIC HEALTH: YES

FIRE HAZARD: NO

PRESSURE HAZARD: YES

REPORTABLE INGREDIENTS:

SECTION 302/303: NONE.

SECTION 313: TETRACHLOROETHYLENE

CALIFORNIA PROPOSITION 65: WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: TETRACHLOROETHYLENE

STATE RIGHT TO KNOW:

NEW JERSEY, PENNSYLVANIA, MASS, RHODE ISLAND: TETRACHLOROETHYLENE, CARBON DIOXIDE

**** SECTION 16 - ADDITIONAL INFORMATION ****

Additional Information:

N.A.=NOT APPLICABLE

N.D.=NOT DETERMINED

N.E.=NOT ESTABLISHED

