

CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC. -- LECTRA CLEAN II -- 6850-01-382-5252

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

Product ID:LECTRA CLEAN II  
MSDS Date:04/19/1993  
FSC:6850  
NIIN:01-382-5252  
MSDS Number: BSRHB  
=== Responsible Party ===  
Company Name:CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC.  
Address:885 LOUIS DRIVE  
City:WARMINSTER  
State:PA  
ZIP:18974-2820  
Country:US  
Info Phone Num:215-674-4300  
Emergen  
cy Phone Num:215-674-4300  
Preparer's Name:JON BROWN  
CAGE:10136  
=== Contractor Identification ===  
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/Information on Ingredients =====

Ingred Name:PARAFFINIC HYDROCARBONS  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPYLENE GLYCOL  
CAS:57-55-6  
RTECS #:TY2000000  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:MAY CAUSE IRRITATION AND CNS  
EFFECTS.SKIN/EYES:MAY CAUSE IRRITATION.INGEST:MAY CAUSE LUNG DAMAGE  
IF VOMITED AFTER SWALLOWING.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:INHAL:MA  
Y CAUSE CNS  
DEPRESSION(HEADACHE,NAUSEA,FATIGUE...).  
Medical Cond Aggravated by Exposure:MANUFACTURER STATES NONE.

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

First Aid:INHAL:REMOVE TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION IF  
NEEDED.EYES:FLUSH WITH WATER FOR 15 MINUTES.SKIN:DO NOT INDUCE  
VOMITING.GET PROMPT QUALIFIED MEDICAL ASSISTANCE.SKIN:WASH WITH  
SOAP AND WATER.

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

Flash Point Method  
:CC  
Flash Point:219F,104C  
Lower Limits:0.6@145C  
Upper Limits:20.4@180C  
Extinguishing Media:WATER FOG,FOAM,CARBON DIOXIDE,DRY CHEMICAL.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.  
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL  
DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.SOAK UP WI  
TH A  
NON-COMBUSTIBLE ABSORBANT;PLACE IN SUITABLE CONTAINERS FOR  
DISPOSAL.DO NOT RELEASE INTO SEWER OR WATERWAYS.  
Neutralizing Agent:NONE

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

Handling and Storage Precautions:AVOID MISTING(A FIRE HAZARD).AVOID  
SPILLING THIS MATERIEL ON FIBROUS INSULATION(A SPONTANEOUS  
COMBUSTION HAZARD).  
Other Precautions:NONE

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

Respiratory Protection:WHERE ENVIRONM

ENTAL CONTROLS ARE LACKING OR IN

ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE LOCAL OR GENERAL MECHANICAL DILUTION VENTILATION.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:CLOTHING TO PREVENT BODY CONTACT,AS NEEDED.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET

CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

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SMULLER AND LEARNED THAT AN INGREDIENT

DESCRIBED AS A "P-SERIES ALKYL GLYCOL ETHER" IS PROPLYENE GLYCOL.

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

HCC:N1

Boiling Pt:B.P. Text:>400F,>204C

Melt/Freeze Pt:M.P/F.P Text:33.8F,1.0C

Vapor Pres:5 AIR=1

Spec Gravity:0.81

Evaporation Rate & Reference:SLOW

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID;ODOR NOT REPORTED

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

Stability

Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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