

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

=====

=====
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

ENTRAL 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

HMIS SPOKE TO MICHELLE WEIS

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.

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.