

KRAYLOY CLEAR

MSDS Number

BPWBQ

National Stock Number

8040-00N034066

Product Name

KRAYLOY CLEAR

Manufacturer

PARA CHEM SOUTHERN INC

Product Identification

Product ID:KRAYLOY CLEAR

MSDS Date:06/14/1989

FSC:8040

NIIN:00N034066

MSDS Number: BPWBQ

Responsible Party

PARA-CHEM SOUTHERN INC

SIMPSONVILLE , SC 29681

US

Emergency Phone: 803-967-7691

Info Phone: 803-967-7691

Preparer: B. L. EUDY

Cage: 15865

Contractor

PARA-CHEM SOUTHERN INC

127

SIMPSONVILLE, SC 29681

US

(803) 967-7691

Cage: 15865

Ingredients

FURAN, TETRAHYDRO-; (TETRAHYDROFURAN) (SARA III)

CAS: 109-99-9

RTECS: LU5950000

Fraction By Weight: 44%

OSHA PEL200 PPM;250 STEL

ACGIH TLV: 200 PPM;250 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2-BUTANONE; (METHYL ETHYL KETONE)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 33%

OSHA PEL200 PPM;300 PPM STEL

ACGIH TLV: 200 PPM;300 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

CYCLOHEXANONE (SARA III)

CAS: 108-94-1

RTECS: GW1050000

Fraction By Weight: 10%

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DO NOT WELD/FLAME-CUT AN EMPTY DRUM. KEEP OUT OF

RTECS: 9999999ZZ

AND THERE ARE NO DUST HAZ FROM THE POWDERS IN IT.

RTECS: 9999999ZZ

ENCAPSULATED. THE USER MUST DETERMINE IF THERE IS A

RTECS: 9999999ZZ

PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

RTECS: 9999999ZZ

MAY BE HARMFUL OR FATAL.

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: LIQUID CAUSES SEVERE IRRIT.

VAPORS CAUSE SLIGHT TO MODERATE IRRITATION. SKIN: LIQUID OR VAPOR

CAUSES MODERATE IRRITATION. INHAL: CAN CAUSE NOSE AND THROAT

IRRITATION, HEADACHE, NAUSEA, DROWSINES S, DIZZINESS, AND

INCOORDINATION. INGEST: MODERATELY TOXIC. MAY CAUSE NAUSEA,

VOMITING, AND DIARRHEA. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: TETRAHYDROFURAN:OVEREXPOSURE TO

TETRAHYDROFURAN HAS BEEN FOUND TO CAUSE LIVER ABNORMALITIES AND

KIDNEY DAMAGE TO LAB ANIMALS. CYCLOHEXANONE: OVEREXP TO

CYCLOHEXANONE HAS BEEN FOUND TO CAUSE LIVER ABNORMALITIES AND

KIDNEY DAMAGE TO LABORATORY ANIMALS. REPORTS HAVE ASSOC RPTD/PRLNGD

OVEREXP TO SOLV WITH (ING 7)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MIN. CALL PHYSICIAN IF IRRIT OCCURS. SKIN: WASH WITH SOAP AND WATER. CALL PHYSICIAN IF IRRIT OCCURS. INHAL: MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, ADMINISTER ARTIFICIAL RESPIRATION AND CALL PHYSICIAN IMMEDIATELY. INGEST: TO CONSCIOUS PERSON, GIVE TWO GLASSES OF WATER. INDUCE VOMITING AND CALL PHYSICIAN IMMEDIATELY.

Fire Fighting

Flash Point Method:TCC

Flash Point:10F,-12C

Lower Limits:1.1%

Upper Limits:11.8%

Extinguishing Media:DRY CHEMICAL, CO₂, AND ALCOHOL FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:ELIMINATE SOURCES OF IGNITION BECAUSE VAPORS MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION.

Accidental Release

Spill Release Procedures:VENTILATE, DIKE, AND DISPENSE SAND, SAWDUST, OR VERMICULITE. COLLECT AND PLACE IN WASTE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE >40F & BELOW 100F. STORE IN WELL VENT AREA. NEVER USE PRESSURE TO EMPTY. DRUM IS NOT A PRESSURE VESSEL. DO NOT TAKE INTERNALLY.

Other Precautions:KEEP CLOSURE TIGHT AND CNTNR UPRIGHT TO PVNT LEAKAGE. STORE DRUM OUT OF SUN AND AWAY FROM HEAT. RELIEVE INTERNAL DRUM PRESSURE WHEN RECEIVED AND AT LEAST ONCE WEEKLY THEREAFTER BY SLOWLY LOOSENING CLOSURE. RETIGHTEN IMMEDIATELY. (SUPP DATA)

Exposure Controls

Respiratory Protection:IF CONDITIONS EXIST WHERE PEL OR TLV MAY BE EXCEEDED, WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE SUFFICIENT VENTILATION, IN VOLUME & PATTERN, TO KEEP AIR CONTAMINANT CONCENTRATION BELOW PEL OR TLV.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

DO NOT STORE/USE NEAR HEAT, SPARKS/FLAME. DRUMS OF THIS MATERIAL SHOULD BE GROUNDED AND BONDED WHEN POURING. DO NOT PUNCTURE, DRAG, OR SLIDE CNTNR. PREVENT PROLONGED OR REPEATED BREATHING OF VAPOR OR SPRAY MIST. CANNOT BE MADE NON-POISONOUS. AVOID CONTACT WITH OR BREATHING OF VAPORS RELEASED DURING CURING PROCESS. (ING 4)

Chemical Properties

HCC:F3

Boiling Pt:B.P. Text:>150F,>66C

Vapor Pres:86

Vapor Density:2.5

Spec Gravity:0.91 (H₂O=1)

Evaporation Rate & Reference:5.6 (H₂O=1)

Solubility in Water:MODERATE

Appearance and Odor:CLEAR VISCOUS LIQUID WITH KETONE ODOR.

Percent Volatiles by Volume:87

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:MAY FORM EXPLOSIVE PEROXIDES UPON LONG STANDING IN AIR.

Hazardous Decomposition Products:BURNING CAN PRODUCE CO, CO₂, H₂O,

HCL, CL*2, AND VAPORS OF CHEMICALS IN INGREDIENT SECTION.

Disposal

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

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