KRYLON, SHERWIN-WILLIAMS CO., SPECIALITY DIV. -- 2501 LEATHER BROWN KRYLON INT/EXT

MSDS Safety Information

MSDS Date: 04/10/1989
MSDS Num: CKNYV
Tech Review: 06/17/2000
Product ID: 2501 LEATHER BROWN KRYLON INT/EXT AEROSOL
Responsible Party
Cage: EO276
Name: KRYLON, THE SHERWIN-WILLIAMS CO., SPECIALITY DIV.
Address: 6830 COCHRAN ROAD
City: SOLON OH 44139-3908 US
Info Phone Number: 216-292-7400
Emergency Phone Number: 216-292-7400

Ingredients

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA 313) (CERCLA)
% low Wt: 30.
% high Wt: 50.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 750PPM/1000STEL;9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA 313) (CERCLA)
% low Wt: 1.
% high Wt: 5.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% low Wt: 10.
% high Wt: 30.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIANT; 9495
Ozone Depleting Chemical: N

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
% low Wt: 5.
% high Wt: 10.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM/300STEL;9495

http://www2.siri.org/msds/f2/ckn/cknyv.html
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)
% low Wt: 1.
% high Wt: 5.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM/75 STEL; 9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 108-65-6
RTECS #: AI8295000
Name: PROPYLENEGLYCOL MONOMETHYL ETHER ACETATE; 2-PROpanol, 1-Methoxy-,
   ACETATE)
% low Wt: 5.
% high Wt: 10.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED.
Ozone Depleting Chemical: N

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313) (CERCLA)
% low Wt: 1.
% high Wt: 5.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM; Z-2
ACGIH TLV: S, 50 PPM; 9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: N

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (O-, M-, P- ISOMERS) (SARA 313) (CERCLA)
% low Wt: 10.
% high Wt: 30.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150 STEL; 9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: N

Health Hazards Data
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: CNS DEPRESS.REPORTS HAVE ASSOC REP/PROL OCCUPAT

http://www2.siri.org/msds/f2/ckn/cknyv.html 6/14/2005
OVEREXPO TO SOLVTS W/PERM BRAIN/CNS DMG.INTENTIONAL MISUSE BY
DELIBERATELY CONCEN/INHAL CONTENTS MAY LEAD TO
ADDITION/HARMFUL/FATAL.LIVER/KIDNEY DMG.RE PRODUCTIVE DISORDERS BASED
ON ANIMAL DATA.SKIN ABSORPTION:NO HAZ KNOWN.INGEST:NOT EXPECTED TO BE
HARMFUL UNDER (SUPPLE)
Explanation Of Carcinogenicity: PER MSDS:THIS MATL HAS NOT BEEN LISTED BY
NTP/IARC/OSHA AS CARCINOGEN.
Signs And Symptoms Of Overexposure:
HEADACHE,DIZZINESS,NAUSEA,VOMITING,UNSONC,ASPHYXIATION. CYANOSIS,RESP
DISTRESS,DRSINESS.
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: INGEST:DILUTE BY DRINKING LG QUANT OF WATER.IMMED CONTACT POIS
CNTNRL CNTR/HOSPITAL EMERG RM FOR OTHER ADDN TREAT DIR.INHAL:REMOVE TO
FRESH AIR.NOT BREATH GIVE ART RESP PREFER MOUTH-TO-MOUTH.SKIN:FLUS H
W/PLENTY OF WATER FOR @LEASAST 15MINS;EYELIDS HELD APART DURING
IRRIGATION TO INSURE WATER CONTACT W/ENITRE SURFACE OF EYES/LIDS.CALL
PHYSICIAN.
Handling and Disposal
Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES.SOAK UP
W/ABSORBENT MATL & REMOVE TO CHEMICAL DISPOSAL AREA.PREVENT ENTRY INTO
NATURAL BODIES OF WATER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: DO NOT BURN CNTNR.DISPOSE IAW LOC/STATE/PROVIN/FED
REQMTS.EMPTYT CNTNR MAY CONTAIN EXPLO VAP.DO NOT CUT/PUNCTURE/WELD
ON/NEARBY.CONTAINS CHEM SUBJ TO REPORTING REQMTS SEC 313 TITLE III
SARA/4CFR PART37 2:ACETONE;N-BUTYL ALCOHOL;MEK;MIK;TOLUENE;(SUPPLE)
Handling And Storage Precautions: AVOID BREATH VAP/MIST.USE W/ADQUA
VENTI.AVOID EYE/SKIN CONTACT.AVOID HEAT.KEEP CNTNR <120F.DO NOT
PUNCTURE CNTNR-CONTENTS UNDER PRESS WILL DISCHARGE.
Other Precautions: DO NOT SMOKE.HNDL IAW GOOD INDUSTRIAL HYGIENE/SAFETY
PRACTICES WHICH INCLUDE AVOIDING UNNECESSARY EXPO/REMOVAL OF MATL FROM
EYE/SKIN/CLOTH.INSTRUCT YOUR WORKERS TO HANDLE PRODUCT PROPERLY.BEFORE
USIN G/HNDLG READ/UNDERSTAND MSDS.
Fire and Explosion Hazard Information
Extinguishing Media: USE DRY CHEMICAL, FOAM OR COW. WATER MAY BE
INEFFECTIVE BUT SHOULD BE USED TO KEEP FIRE-EXPO CNTNRS COOL.
Fire Fighting Procedures: NONE SPECIFIED BY MANUFACTURER; :USE APPROPRIATE
PPE AS CONDITIONS WARRANT.
Unusual Fire/Explosion Hazard: EXTREM FLAMM.HI TEMPS MAY CAUSE
BURSTING.VAP MAY IGN EXPO.SPRAY MIST/VAP EVAPORA FRM DEPO FILM HEAVIER
THAN AIR;SETTLE IN LOW PLACES/TRAVEL TO IGN SOURCE;FLSBK
Control Measures
Respiratory Protection: WHERE AIR CONTAMINANTS CAN EXCEED ACCEPTABLE
CRITERIA USE NIOSH/MSHA APPROVED RESP PROT EQUIPMENT.RESP SHOULD BE
SELECTED BASED ON FORM/CONCEN OF CONTAM IN AIR IAW OSHA 29CFR 1910.134
OR OTHER APPLI CABLE STD/GUIDELINES.
Ventilation: LOC EXHAUS VENTI,ENCLSD SYS DESIGN,PROCESS ISOLATION/REMOTE
CNTRL COMBINE W/APPRO PRIPE USE OF PPE/PRUDENT WORK PRACTICES.
Protective Gloves: IMPERVIOUS GLOVES.
Eye Protection: GOGGLES IF CONTACT IS LIKELY.
Other Protective Equipment: CONSULT EXPERTS OF YOUR CHOICE TO DETERMINE
WHETHER OR NOT YOUR ENGINEERING CONTROLS PROGRAMS ARE ADEQUATE.
Work Hygienic Practices: WASH THOROUGHLY AFT HNDLG.
Supplemental Safety and Health: PRESSURE IN CAN @70F:APPROX 60PSIG. HEALTH
HA: NORMAL CONDITIONS OF USE. INGEST: BURNS/IRRIT MUC MEMB/ESOPHAGUS/GI
TRACT. INHAL: HARMFUL LIQ/VAP IRRIT NOSE/THROAT/LUNGS/CNS
DEPRESS. SKIN/EYE: IRRIT. DISPO: XYLENE; 2-PROPA NOL, 1-METHOXY-, ACETATE.

Physical/Chemical Properties

HCC: V3
Vapor Pres: SEE CAN
Vapor Density: >AIR
Spec Gravity: LITER THAN H2O
Evaporation Rate & Reference: FASTER THAN BUTYL ACETATE
Solubility in Water: SLIGHT
Percent Volatiles by Volume: 81-89

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: DO NOT PLACE CNTNR ON RADIATOR/STOVE/IN
   DIRECT SUNLIGHT/NEAR OTHER HEAT SOURCES.AVOID OPN FLAME/SPARKS/PILOT
   LIGHTS.
Materials To Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: OXIDES OF CARBON.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Sara Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
   CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313: ACETONE,
   N-BUTYL ALCOHOL, METHYL ETHYL KETONE, METHYL ISOBUTYL KETONE, 2-PROPA NOL
   1-METHOXY AC ETATE, TOLUENE, XYLENE MIXED ISOMERS.

Other Information

Transportation Information

Responsible Party Cage: EO276
Trans ID NO: 153616
Product ID: 2501 LEATHER BROWN KRYLON INT/EXT AEROSOL
MSDS Prepared Date: 04/10/1989
Review Date: 06/17/2000
Article W/O MSDS: N
Limited Quantity IND: N
Multiple KIT Number: 0
Review IND: N
Unit Of Issue: CY
Type Of Container: CYLINDER

Detail DOT Information
DOT PSN Code: DTJ
Symbols: D
DOT Proper Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
Label: NONE
Non Bulk Pack: 156,306
Bulk Pack: NONE
Max Qty Pass: 30KGGROSS
Max Qty Cargo: 30KGGROSS
Vessel Stow Req: A

Detail IMO Information

IMO PSN Code: AIY
IMO Proper Shipping Name: AEROSOL DISPENSERS ?
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS
IMDG Page Number: 9022
UN Number: 1950
UN Hazard Class: 9?
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-13

Detail IATA Information

IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packing Note Cargo: 203

Detail AFI Information

AFI PSN Code: HEB
AFI Proper Shipping Name: CONSUMER COMMODITY
AFI Hazard Class: 9
AFI UN ID NUM: UN8000
Special Provisions: P5
Back Pack Reference: A13.13

HAZCOM Label

Product ID: 2501 LEATHER BROWN KRYLON INT/EXT AEROSOL
Cage: EO276
Company Name: KRYLON, THE SHERWIN-WILLIAMS CO., SPECIALITY DIV.
Street: 6830 COCHRAN ROAD
City: SOLON OH
Zipcode: 44139-3908 US
Health Emergency Phone: 216-292-7400
Date Of Label Review: 06/17/2000
Eye Protection IND: YES
Signal Word: DANGER
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: CNS DEPRESS.REPORTS HAVE ASSOC REP/PROL OCCUPAT
OVEREXPO TO SOLVTS W/PERM BRAIN/CNS DMG.INTENTIONAL MISUSE BY
DELIBERATELY CONCEN/INHAL CONTENTS MAY LEAD TO
ADDICTION/HARMFUL/FATAL.LIVER/KIDNEY DMG.RE PRODUCTIVE DISORDERS BASED
ON ANIMAL DATA.SKIN ABSORPTION:NO HAZ KNOWN.INGEST:NOT EXPECTED TO BE
HARMFUL UNDER (SUPPLEMENT)

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