

DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE -- SD AL POLY 17875 17925 WHITE  
821X330 -- 8010-00-181-8282

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

Product ID:SD AL POLY 17875 17925 WHITE 821X330

MSDS Date:01/15/1991

FSC:8010

NIIN:00-181-8282

Kit Part:Y

MSDS Number: BKZXF

=== Responsible Party ===

Company Name:DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE

Address:1608 4TH ST

City:BERKELEY

State:

CA

ZIP:94710

Country:US

Info Phone Num:818-549-7823

Emergency Phone Num:800-228-5635 /800-424-9300 CHEMTREC

CAGE:85570

=== Contractor Identification ===

Company Name:DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE

Address:1608 4TH ST

Box:City:BERKELEY

State:CA

ZIP:94710

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Phone:800-228-5635 /800-424-9300 CHEMTREC

CAGE:85570

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:C 50 PPM

ACGIH TLV:C 50 PPM,VAPOR; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TRIMETHYLOLPROPANE (VP: 1 MM HG)

CAS:77-99-6

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:DICARBOXYLIC ACID (VP: 1 MM HG)

CAS:123-99-9

RTECS #:CM1980000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:PHTHALIC ANHYDRIDE (SARA III)

CAS:85-44-9

RTECS #:TI3150000

H TLV:1 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/75 STEL  
ACGIH TLV:50 PPM/75 STEL; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt  
Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CYCLOHEXANONE (SARA III)  
CAS:108-94-1  
RTECS #:GW1050000  
Fraction by Wt: 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TITANIUM DIOXIDE  
CAS

:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 45%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 482 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:INHALE:NASAL/RESPIRATORY  
IRRITATION,ACUTE CENTRAL NERVOUS SYSTEM  
DEPRESSION-HEADACHE,DIZZINESS,STAGGERING GAIT, CONFUSION OR  
UNCONSCIOUSNESS.ASPHYXIATION. SKIN: PROLONG/REPEAT CONTACT CAUSES  
IRRITATION, DEFATTING OR DERMATITIS. EYE: IRRITATION. INGEST: MAY  
CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.  
Effects of Overexposure:REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED  
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND  
NERVOUS SYSTEM DAMAGE. POSSIBLE LIVER DAMAGE. ASPIRATION OF  
MATERIAL TO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE  
FATAL.  
Medical Cond Aggravated by Exposure:BIRTH DEFECTS HAVE BEEN OBSERVED IN  
TESTS ON LAB ANIMALS EXPOSED TO ETHYLENE GLYCOL BY MOUTH.  
O/EXPOSURE TO XYLENE HAS CAUSED LIVER, KIDNEY AND SPLEEN DAMAGE IN  
LAB ANIMALS.

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First Aid Mea

suress =====

First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF REQUIRED. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP WARM & QUIET. GET MEDICAL ATTN. SKIN: WASH AREAS WITH SOAP & WATER. DO NOT USE SOLVENTS. REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE. GET MEDICAL ATTN. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTN. PREFER AN OPHTHALMOLOGIST. INGESTION: GET MEDICAL ATTENTION.

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

Flash Point Method:SCC

Flash Point:31.0F,-0.6C

Lower Limits:1.1%

Extinguishing Media:EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM).

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE, USE TO COOL EXPOSED CNTNRS (FOG NOZZLE PREFERRED). USE NIOSH/MSHA APPR'D SELF-CONTAINED BREATHING APPARATUS & PROTECT CLOTHES.

Unusual Fire/Explosion Hazard:VAPORS MAY ACCUMULATE IN CONFINED AREAS, FORM EXPLOSIVE MIX W/AIR, TRAVEL LONG DISTANCES. FL ASHBACK/FLAME TO HANDLING SITE MAY OCCUR. CLOSED CNTNRS MAY EXPLODE.

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

Spill Release Procedures:REMOVE IGNITE SOURCES. WEAR PERSONAL PROTECTIVE EQUIP. AVOID BREATHING VAPORS & SKIN OR EYE CONTACT. USE NON- SPARK TOOLS. USE EMERGENCY RESPONSE PRO IF MANAGING RELEASE IS BEYOND CAPABILITY OF IN-HOUSE PERSONS. SM:DIKE & ABSORB W/INERT MATERIAL.

Neutralizing Agent:DEPEND ON QUANT & CIRCUM UNAUTHORIZED SPILLS REPORTED TO NAT'L RESPONSE CNTR.

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

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLOSED. ISOLATE FROM HEAT, ELEC EQUIPMENT, SPARKS. DO NOT STORE ABOVE 120F. STORE FLAMM LIQ IN ACCORD W/NFPA CODES/GOVERNMENT REGS.

Other Precautions:USE GROUND/BOND PROCEDURES WHEN TRANSFERRING. AVOID FREE FALL OF LIQ. DO NOT SMOKE WHERE MATERIAL IS USED OR STORED.DO NOT APPLY TO HOT SURFACES.EMPTIES MAY CONTAIN EXPLOSIVE VAP

ORS.DO

NOT CUT, PUNCTURE, WELD ON DRUM. DO NOT TAKE INTERNALLY.

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

Respiratory Protection: TLV'S EXCEEDED/SPRAY MIST PRESENT: USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION APPROPRIATE FOR INDICATED COMPONENTS. CONFINED AREAS: NIOSH APPROVED AIR SUPPLIED RESPIRATORS. FOLLOW OSHA REGULATIONS ( 29CFR1910.134) FOR RESPIRATOR USE.

Ventilation: GENERAL DILUTION/LOCAL EXHAUST VENTILATION IN VOLUME/PATTERN TO KEEP LEVEL OF HAZARD INGREDIENT BELOW TLV/PEL LIMITS.

Protective Gloves: WEAR CHEMICALLY RESISTANT GLOVES

Eye Protection: SAFETY GLASSES W/SIDESHIELDS OR GOGGLES

Other Protective Equipment: AVOID SKIN CONTACT BY USE OF OTHER PROTECTIVE CLOTHING. A SAFETY SHOWER, EYE BATH & WASHING FACILITIES.

Work Hygienic Practices: WASH CONTAMINATED CLOTHING BEFORE REUSE. AVOID SKIN CONTACT & BREATHING VAPORS OR MIST.

Supplemental Safety and Health

DO NOT CONCENTRATE & INHALE VAPORS. PREVENT PROLONG CONTACT

W/CONTAMINATED CLOTHES. VAPORS OF THIS PRODUCT ARE HEAVIER THAN AIR & MAY COLLECT IN LOW OR CONFINED AREAS. DO NOT ENTER SUCH AREAS WITHOUT FOLLOWING APPROPRIATE PROCEDURES INCLUDING AIR MONITORING, USE OF SUPPLIED AIR IF NECESSARY & AN OBSERVER FOR ASSISTANCE.

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

HCC:F2

Boiling Pt: B.P. Text: 175 TO 552F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN N-BU AC

Appearance and Odor: LIQUID, SOLVENT

ODOR

Percent Volatiles by Volume: 41.7

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

Stability Indicator/Materials to Avoid: YES

Hazardous Decomposition Products: PRODUCTS OF COMBUSTION ARE HAZARDOUS INCLUDING CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods: ENSURE MATERIAL IS PACKAGED, STORED, TRANSPORTED & OTHERWISE MANAGED IN ACCORD W/LOCAL, STATE & FED REGS. NO DISPOSAL METHOD IS

TO BE USED THAT WOULD POSE ENVIR OR HUMAN HEALTH THREAT  
INCLUDING ANY WHI CH WOULD CONTAMINATE GROUND/SURFACE WATER.

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