

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- ETHYL ACETATE 99% -- 6810-00-062-6954

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Product Identification
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Product ID:ETHYL ACETATE 99%

MSDS Date:09/02/1998

FSC:6810

NIIN:00-062-6954

Status Code:A

MSDS Number: CJDVF

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Nu

m:800-274-5263/5147983333

Emergency Phone Num:800-274-5263

Resp. Party Other MSDS Num.:301.0003715-001.001

CAGE:7L600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333 / 800-325-3751

Contract Num:SP045099M0374

CAGE:7L600

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

CAGE:75656

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Composition/Information on Ingredients
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Ingred Name:ETHYL ACETATE

CAS:141-78-6

RTECS #:AH5425000

Minumum % Wt:98.

Maxumum % Wt:100.

OSHA PEL:1400 MG/M3;400 PPM

ACGIH TLV:1440 MG/M3;400 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE:MAY CAUSE MILD IRRI

T.SKIN:MAY

CAUSE MILD IRRIT.PROL/REP CNTACT MAY DRY SKIN.PASSAGE OF MATL INTO BODY THRU SKIN POSSIBLE,BUT UNLIKELY THAT THIS WOULD RESULT IN HARMFUL EFFECTS DURING SAF HNDLG/USE .INGEST:SMALL AMTS DURING NORMAL HNDLG NOT LIKELY TO CAUSE HARMFUL EFFECTS.LG AMTS MAY BE HARMFUL.INHAL:BREATH VAP/MIST POSSIBLE.SM AMTS DURING NORMAL HNDLG NOT LIKELY TO CAUSE HARMFUL EFFECTS.BREATH LG AMTS MAY BE HARMFUL.

Explanation of Carcinogenicity:THERES NO INFO AVAI.THE CHANCE THIS MATL

CAUSING CANC IS UNK.MATL NOT LISTED AS CARC BY IARC/NTP/OSHA.

Effects of

Overexposure:EYE:STINGING,TEARING,REDNESS.SKIN:REDNESS,BURNING,DRYI KNG,CRACKING.SIGN/SYMPT OF EXPO THRU BREATH/INGEST/PASSAGE OF MATL THRU SKIN MAY INCLUDE:STOMACH OR INTESTINAL UPSET(NAU,VOMIT,DIARR),IRRIT(NOSE,T HROAT,AIRWAYS),CENTRAL NERV SYST DEPRESS(DIZZ,DROWS, WEAKNESS,FATIGUE,NAU,HEADACHE,UNCONSCIOUSNESS).

Medical Cond Aggravated by Exposure:TARGET ORGANS:OVEREXPO HAS BEEN SUGGESTED AS

CAUSE OF FOLLOWING EFFECTS IN LABORATORY ANIMALS:BLOOD ABNORMALITIES,MALE REPRODUCTIVE EFFECTS.

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First Aid Measures
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First Aid:EYE:SYMPT DVLP MOVE TO FRESH AIR.FLUSH GENTLY W/H2O,EYELIDS APART.SYMPT PERSIST/VISUAL DIFF GET MED ATTN.SKIN:REMOVE CONTAM CLOTH.WASH W/SOAP/H2O.SYMPT PERSIST GET MED ATTN. INGEST:GET MED ATTN.DROWSY /UNCONSC DONT GIVE ANYTHING BY MOUTH.PLACE ON LEFT SIDE,HEAD DOWN.CALL DR/MED FAC/POIS CNTRL CNTR FOR

ADVICE ABOUT

WHETHER TO INDUCE VOMIT.IF POSSIBLE DONT LEAVE UNATTN.INHAL:SYMPT
DVL P MOVE TO FRESH AIR.SYMPT PERSIST GET MED ATTN. BREATH DIFF
GIVE OXY.KEEP WARM/QUIET.GET IMMED MED ATTN.NOTE TO DR:PRE-EXISTING
DISORDERS OF FOLLOWING ORGANS(ORGAN SYST)MAY BE AGGRAV BY EXPO TO
MATL:SKIN,LUNG(FOR EX ASTHMA-LIKE CONDITIONS),BLOOD FORM SYS

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

Flash Point Method:TCC

Flash Point:=-4.4C, 24.1F

Autoignition Temp:=485

.C, 905.F

Lower Limits:2.2

Upper Limits:10.7

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:H2O MAYBE INEFFECTIVE. H2O MAY BE USED TO KEEP
FIRE-EXPO CNTNR COOL UNTIL FIRE IS OUT. WEAR SCBA W/FULL FACEPIECE
OPERATED IN POSITIVE PRESSURE DEMAND MODE W/APPRO TURN-OUT GEAR &
CHEM RESISTANT PERSONAL PROTECTIVE EQMPT. REFER TO PERSONAL
PROTECT EQMPT SECT OF MSDS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL
ALONG T

HE GROUND OR MAY BE MOVED BY VENTILATION & IGNITED BY PIOLT
LIGHTS, OTHER FLAMES, SPARKS,HEATERS, SMOKING, ELECTRIC MOTORS,
STATIC DISCHARGE, OR OTHER I GNITION SOURCES @ LOCATIONS DISTANT
FROM MATERIAL HANDLING POINT. SEE OTHER

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

Spill Release Procedures:SM-ABSORB LIQ ON VERMIC,FLR ABSORB,OTHER
ABSORB.LG-REMOVEIGN SOURCE.NOT WEARING PROT EQPMT EXCLUDE FRM SPILL
AREA TIL CLEANUP COMPLETE.STOP SPILL @SOURCE. P

REVENT ENTER DRAIN,

SEWER,STREAM,BODIES OF H 2O.PREVENT SPREAD.RUNOFF OCCURS NOTIFY
AUTHOR.PUMP/VAC TRANSF SPILL TO CLEAN CNTNR FOR RECOVERY.ABSORB
UNRECOVERABLE PROD TRANSF CONTAM ABSORB, SOIL,MATL TO CNTNR FOR
DISPO.(SEE OTHER INFOR).

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

Handling and Storage Precautions:EMPTY CNTNR MAY BE HAZ.SINCE EMPTY
CNTNR RETAIN PROD RESIDUE(VAP,LIQ,&/OR SOLID)ALL HAZ PRECAUT GIVE
IN MSDS MUST BE OBSERVED.ALL 5-GALL

PAILS/LGER METAL CNTNR INCLUDE

TANK CARS & TANK TRUCKS SHOULD BE GROUNDED &/OR BONDED WHEN MATL TRANSF. WARNING: SUDDEN RELEASE OF HOT ORG CHEM VAP/MIST (SEE SUPPLEM)

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

Respiratory Protection: WORKPLACE EXPO LIMIT EXCEEDED NIOSH/MSHA APPROV AIR SUPPL RSP ADVISED IN ABSENCE OF PROPER ENVIRO CNTRL. OSHA REG ALSO PERMIT OTHER NIOSH/MSHA RESP (NEG PRESS TYP) UNDER SPEC CONDITIONS (SEE YOUR INDUST H YGIENIST). ENGINEERING

/ADMIN CNTRL

SHOULD BE IMPLEMENTED TO RED EXPO.

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPO BELOW TLV(S).

Protective Gloves: RESISTANT GLOVES (CONSULT YOUR SAF EQPMT SUPPLIER).

Eye Protection: CHEM SPLASH GOGG IAW OSHA REGS. OSHA PERMIT OTHER TYP SAF GLASSES.

Other Protective Equipment: CONSULT YOUR SAFETY REPRESENTATIVE FOR EYE PROTECTION.

Work Hygienic Practices: LAUNDRER CLOTH BEFORE REUSE. TO PREVENT REP/PROL SKIN CONTACT W

EAR IMPERVIOUS CLOTH/BOOTS.

Supplemental Safety and Health

HNDLG CONTD: FRM PROCESS EQPMT OP @ HI TEMP/PRESS, SUDDEN INGRESS OF AIR INTO VAC EPQMT MAY RESULT IN IGN W/O IGN SOURCE. PUBLISHE AUTOIGN/IGN TEMP CANT BE TREATED AS SAFE OP TEMP IN CHEM PROCESS W/O ANAL YSIS OF ACTUAL PROCESS CONDTNS. ANY USE IN HI TEMP PROCESS SHOULD BE EVALUA WELL TO ESTABL/MANTAIN SAF OP CONDTNS.

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

HCC:F2

Boiling Pt: =70.C, 158.F

Melt/F

reeze Pt: =-82.6C, -116.9F

Vapor Pres: 29.300 @68F

Vapor Density: 3.00, AIR=1

Volatile Org Content %: 100

Spec Gravity: 0.902 @68F

pH: NO DATA

Viscosity: 0.5 CPS

Evaporation Rate & Reference: 5.20 (NBUTYLACETATE)

Solubility in Water: MODERATE

Appearance and Odor: CLEAR LIQUID, NEAT, COLORLESS, SWEET ESTER ODOR.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

AVOID CONTCT WITH STRONG ACIDS, STRONG ALKALIES, S

TRONG OXIDIZING
AGENTS.

Hazardous Decomposition Products:MAY FORM:CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS. HAZ PROD OF COMBUSTION:MAY FORM CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS.

Conditions to Avoid Polymerization:PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.

===== Toxicological Information =====

Toxicological Information:NO DATA.

===== Ecological Information =====

Ecological:NO DATA.

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

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

===== MSDS Transport Information =====

Transport Information:DOT INFORMATION-49CFR 172.101:DOT DESCRIPTION:ETHYL ACETATE, 3, UN 1173, II. CNTNR/MODE:55 GALL DRUM/TRUCK PACKAGE.RQ:5000 ETHYL ACETATE.

===== Regulatory Information =====

SARA

Title III Information:SARA 302:NONE.SEC 311/312 DEALYED, FIRE.SARA 313 NONE.

Federal Regulatory Information:CERCLA RQ:5000 LBS OF ETHYL ACETATE.THE INTENTIONAL INGREDIENTS OF THIS PRODUCT ARE LISED.

State Regulatory Information:CALIFORNIA PROP 65:FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY W/CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986:THIS PRODUCT CONTAINS FOLLOWING SUBSTANCE(S) KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER:ACETALDEHYDE. NEW JERSEY RTK LABE

L INFO:ETHYL ACETATE.

PENNSYLVANIA RTK LABEL INFO:ACETIC ACID ETHYL ESTER.

===== Other Information =====

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