

ASHLAND CHEMICAL COMPANY -- 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: CJD
==== Responsible Party ====
Company Name:ASHLAND CHEMICAL COMPANY
Box:2219
City:COLUMBUS
State:OH
ZIP:43216-2219
Country:US
Emergency Phone Num:800-274-5263
Resp. Party Other MSDS Num.:301.00
03715-001.001
CAGE:34897
==== Contractor Identification ====
Company Name:ASHLAND CHEMICAL CO
Box:2219
City:COLUMBUS
State:OH
ZIP:43216-2219
Country:US
Phone:614-790-3333/800-274-5263
CAGE:34897
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
Contract Num:SP0450-99-M-C374
CAGE:75656

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Composition/Information on Ingredients
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Ingred Name:ETHYL ACETATE
CAS:141-78-6
RTECS #:AH5425000
Minu

mum % 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

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE-MAY CAUSE MILD IRRITATION.
SKIN-MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT
MAY DRY THE SKIN. SWALLOWING-SWALLOWING SMALL AMOUNTS OF THIS
MATERIAL DURING NORMAL HANDLING IS NO
T L IKELY TO CAUSE HARMFUL
EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL.
INHALATION-BREATHING OF VAPOR OR MIST IS POSSIBLE. BREATHING SMALL
AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKEL Y TO
CAUSE HARMFUL EFFECTS. BREATHING LARGE AMOUNTS MAY BE HARMFUL.
Explanation of Carcinogenicity:THERE IS NO INFORMATION AVAILABLE. THE
CHANCES OF THIS MATERIAL CAUSING CANCER IS UNKNOWN. THIS MATERIAL
IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Over
exposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING,
DIARRHEA) IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS
SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE,
NAUSEA, HEADACHE, UNCONSCIOUSNESS).
Medical Cond Aggravated by Exposure:OVEREXPOSURE TO THIS MATERIAL (OR
ITS COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING
EFFECTS IN LABORATORY ANIMALS: BLOOD ABNORMALITIES, MALE
REPRODUCTIVE EFFECTS.

===== First Aid Measures ==
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First Aid:EYE-IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE
AND INTO FRESH AIR. FLUSH EYES WITH WATER WHILE HOLDING EYELIDS
APART. GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHING.
WASH EXPOSE D AREA WITH SOAP AND WATER. SEEK MEDICALATTENTION.
SWALLOWING-SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR
UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE ON THE LEFT SIDE
WITH THE HEAD DOWN C ONTACT A PHYSICIAN, MEDICAL FACILITY OR P

OISON

CONTROL CENTER FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING.
INHALATION-IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE
AND INTO FRESH AIR. IF SYM PTOMS PERSISTS, SEEK MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:=-4.4C, 24.F

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:WATER MAY BE
INEFFECTIVE. WATER MAY BE USED TO

KEEP FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT. WEAR A
SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED
IN THE POSITIVE PRESSURE DE MAND MODE WITH APPROPRIATE TURN-OUT GEAR
AND CHEMICAL RESISTANT PERSONAL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED
BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING OR OTH
ER

IGNITION SOURCES.

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Accidental Release Measures
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Spill Release Procedures:ABSORB SPILL ON VERMICULITE, FLOOR ABSORBENT
OR OTHER ABSORBENT MATERIAL.

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Handling and Storage
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Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE
HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT
RESIDUES, ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE
OBSERVED. ALL FIVE GALL

ON PAILS AND LARGE METAL CONTAINERS,
INCLUDING TANK CARS AND TANK TRUCKS, SHOULD BE GROUNDED.

Other Precautions:ANY USE OF THIS PRODUCT IN ELEVATED TEMPERATURE
PROCESS SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN
SAFE OPERATING CONDITIONS.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF WORKPLACE EXPOSURE LIMITS ARE EXCEEDED, A
NIOSH/MSHA SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER
ENVIRONMENTAL CONTROL.

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ntilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:WEAR RESISTANT GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND BOOTS.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=75.5C, 167.9F

B.P. Text:@ 760 MMHG

Melt/Freeze Pt:=-82.8C, -117.F

Vapor P

res:29.300 MMHG @ 58.00 F

Vapor Density:3.000 @ AI

Spec Gravity:.902 @ 68.00 F

VOC Pounds/Gallon:902

VOC Grams/Liter:7.51

Viscosity:.5 CPS

Evaporation Rate & Reference:6.20 (N-BUTYL ACETATE)

Solubility in Water:MODERATE

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

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG ACIDS, STRONG ALKALIES, STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS.

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

Toxicological Information:NO DATA

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

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

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

Transport Information:NO DATA

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Regulatory Information
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SARA Title III Information:NONE

Federal Regulatory Information:ETHYL ACETATE, RQ=5000 LBS

State Regulatory Information:CALIFORNIA PROPOSITION 65, ACETALDEHYDE;
NEW JERSEY RTK LABEL INFORMATION, ETHYL ACETATE; PENNSYLVANIA RTK
LABEL INFORMATION, ACETIC ACID ETHYL ESTER.

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