

ETHYL ACETATE

MSDS Number

BHCFS

National Stock Number

6810-00-245-6695

Product Name

ETHYL ACETATE

Manufacturer

CELANESE CHEMICAL CO

Product Identification

Product ID:ETHYL ACETATE

MSDS Date:11/25/1985

FSC:6810

NIIN:00-245-6695

MSDS Number: BHCFS

Responsible Party

CELANESE CHEMICAL CO.

1250 W. MOCKINGBIRD LANE

DALLAS , TX 75247

US

Emergency Phone: 806-665-5522

Info Phone: 214-689-4000

Cage: 62215

Contractor

CHEMICAL SPECIALISTS AND DEVELOPMENT INC

687

CONROE, TX 77305

US

409-756-1065

Cage: 4N760

Ingredients

ETHYL ACETATE (SARA III)

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: 100%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:LD50 ORAL RAT=6.1 G/KG

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

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

Health Hazards Acute and Chronic:CHRONIC: REPEATED OR PROLONGED CONTACT

MAY CAUSE DRYING OF SKIN; REPEATED EYE CONTACT MAY BE IRRITATING.
Effects of Overexposure:INHALE: VAPORS ARE IRRITATING TO NASAL PASSAGES & THROAT. HIGH CONCENTRATIONS CAN CAUSE STUPOR & HEADACHES. SLIGHT TOXIC TO ANIMALS; INGEST: CAN CAUSE HEADACHE, DROWSINESS & UNCONSCIOUSNESS, PRACTICAL LY NON-TOXIC TO ANIMALS; SKIN/EYE: IRRITATING.

Medical Cond Aggravated by Exposure:NONE STATED

First Aid

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR. INGESTION:INDUCE VOMITING OF CONSCIOUS PATIENT BY GIVING TWO GLASSES OF WATER AND PRESSING FINGER DOWN THROAT.

Fire Fighting

Flash Point Method:TCC

Flash Point:24F/4C

Lower Limits:2

Upper Limits:11.4

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL FOR SMALL FIRE. ALCOHOL-TYPE AQUEOUS FILM-FORMING FILM,WATER SPRAY FOR LARGE FIRES.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & COMPLETE PERSONAL PROTECTIVE EQUIPMENT WHEN POTENTIAL FOR EXPOSURE TO VAPORS OR PRODUCTS OF COMBUSTION EXISTS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR & CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION & FLASHBACK. MATERIAL FLOATS ON WATER.

Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES. AVOID EYE OR SKIN CONTACT.VENTILATE AREA.CONTAIN SPILL TO MINIMIZE CONTAMINATED AREA & FACILITATE SALVAGE OR DISPOSAL. FLUSH AREA WITH WATER OF USE AN ABSORBENT. AVOID RUN- OFF INTO STORM SEWERS OR WATERWAYS.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED PLACE,AWAY FROM HEAT,IGNITION SOURCES AND INCOMPATIBLE MATERIALS.KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:DO NOT LOAD INTO COMPARTMENTS ADJACENT TO HEATED CARGO. USE WITH ADEQUATE VENTILATION. WASH CONTAMINATED CLOTHING THOROUGHLY BEFORE REUSE.

Exposure Controls

Respiratory Protection:USE FULL-FACE NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE OR CANISTER RESPIRATOR WITHIN USE LIMITATIONS OF THESE DEVICES; IN ALL OTHER SITUATIONS, USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE LOCAL EXHAUST AND MECHANICAL VENTILATION.

Protective Gloves:RUBBER OR NEOPRENE.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:FOR OPERATIONS WHERE SPILLS OR SPLASHING CAN OCCUR, USE IMPERVIOUS BODY COVERING AND BOOTS.

Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN.DO NOT BREATHE VAPORS.WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

Chemical Properties

HCC:F2

Boiling Pt:B.P. Text:171F/77C

Vapor Pres:73

Vapor Density:3.0

Spec Gravity:0.9

pH:7

Evaporation Rate & Reference:4.5 (BUTYL ACETATE = 1)

Solubility in Water:8.7 WT %
Appearance and Odor:CLEAR,COLORLESS,MOBILE LIQUID WITH STRONG FRUITY
ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS SUCH AS HYDROGEN PEROXIDE, NITRIC ACID,PERCHLORIC ACID
OR CHROMIUM TRIOXIDE.
Stability Condition to Avoid:HEAT, SPARKS, FLAME.
Hazardous Decomposition Products:CARBON MONOXIDE.

Disposal

Waste Disposal Methods:THIS PRODUCT WHEN SPILLED OR DISPOSED IS A
HAZARDOUS SOLID WASTE. DISPOSAL.DISPOSE OF IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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