



Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300 or 202-483-7616

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: ETHYLENE GLYCOL MONOETHYL ETHER ACETATE, GLYCOL ETHER EE ACETATE

This MSDS is valid for all grades and catalog numbers

General Information

Manufacturer: PHARMCO-AAPER

58 Vale Road
Brookfield, CT 06804
Phone (203) 740-3471
Fax (203) 740-3481

1101 Isaac Shelby Drive
Shelbyville, KY 40065
Phone (502) 633-0650
Fax (502) 633-0685

Ingredients/Identity Information

Ingredient: CELLOSOLVE ACETATE
(ETHYLENE GLYCOL ETHYL ETHER
ACETATE), 2-
ETHOXYETHYL ACETATE
Ingredient Sequence Number: 01

Percent: 100
NIOSH (RTECS) Number: KK8225000
CAS Number: 111-15-9
OSHA PEL: 100 PPM
ACGIH TLV: 5 PPM SKIN

Physical/Chemical Characteristics

Boiling Point: 313F
Vapor Pressure (MM Hg/70 F): 2
Vapor Density (Air=1): 4.7

Specific Gravity: 0.972
Evaporation Rate And Ref: (N-BU AC = 1): 0.2
Percent Volatiles By Volume: 100

Fire and Explosion Hazard Data

Flash Point: 134F

Flash Point Method: TOC

Lower Explosive Limit: 1.8

Upper Explosive Limit: 12.7

Extinguishing Media: ALCOHOL FOAM/CO2/DRY CHEMICAL

Special Fire Fighting Proc: WEAR SCBA W/A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE. WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT.

Unusual Fire And Expl Hazrds: NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUM BECAUSE PRODUT CAN IGNITE EXPLOSIVELY. VAPORS ARE > THAN AIR/MAY TRAVEL ALONG THE GROUND & IGNITE AT A DISTANCE.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): HEAT, FLAME,
ELEVATED TEMPS & OTHER IGNITION
SOURCES.

Materials To Avoid: STRONG OXIDIZING
AGENTS, STRONG ALKALIES.
Hazardous Poly Occur: NO

Health Hazard Data

Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYES: IRRITATION & POSSIBLE CORNEAL INJURY.
SKIN: MILD IRRITATION & BURNING. INHALATION: LARGE AMOUNTS MAY BE HARMFUL.
CNS DEPRESSION, PULMONARY EDEMA & KIDNEY DAMAGE. INGESTION: LLARGE
AMOUNTS
MAY BE HARMFUL. CNS DEPRESSION & KIDNEY DAMAGE.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: IRRITATION, STINGING, TEARING, REDNESS,
BURNING, DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE,
UNCONSCIOUSNESS.
Emergency/First Aid Proc: SKIN: WASH W/SOAP & WATER. EYES: REMOVE TO FRESH
AIR. FLUSH W/WATER. INGESTION: IF DROWSY/UNCONSCIOUS, DON'T GIVE ANYTHING
BY MOUTH; PLACE INDIVIDUAL ON LEFT SIDE W/HEAD DOWN. IF CONSCIOUS & ALERT,
INDUCE VOMITING BY GIVING SYRUP OF IPECAC/GENTLY PLACING TWO FINGERS AT THE
BACK OF THROAT. DON'T LEAVE INDIVIDUAL UNATTENDED. INHALATION: REMOVE TO
FRESH AIR. KEEP WARM & QUIET. GIVE CPR/OXYGEN. (SUPP)

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SMALL: ELIMINATE SOURCES OF IGNITION. ABSORB
LIQUID ON VERMICULITE, FLOOR ABSORBENT/OTHER MATERIAL. LARGE: EVACUATE
AREA/UNTIL CLEAN UP IS COMPLETE. STOP AT SOURCE. PREVENT FROM ENTERING
DRAINS/SEWERS/STREAMS/OTHER BODIES OF WATER.
Waste Disposal Method: DESTROY BY INCINERATION IAW/FEDERAL, STATE & LOCAL
REGULATIONS.
Precautions-Handling/Storing: PRODUCTS CONTAINING GLYCOL ETHER EE, EM/
THEIR ACETATES SHOULDN'T BE SOLD FOR USE.
Other Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN
EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES, HAZARD
PRECAUTIONS MUST BE OBSERVED.

Control Measures

Respiratory Protection: IF EXPOSURE LIMITS OF PRODUCT IS EXCEEDED, A
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. OSHA ALSO PERMITS
OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED
CONDITIONS.
Ventilation: MECHANICAL (GENERAL)/LOCAL EXHAUST TO MAINTAIN EXPOSURE <
LEVEL SUSPECTED/APPARENT ADVERSE EFFECTS.
Protective Gloves: NITRILE RUBBER/NEOPRENE
Eye Protection: CHEMICAL SPLASH GOGGLES/SAFETY GLASSES
Other Protective Equipment: IMPERVIOUS CLOTHING & BOOTS.

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Suppl. Safety & Health Data: EXPL HZRD: ALL FIVE GALLON PAILS & LARGER METAL CONTAINERS, TANK CARS & TANK TRUNKS SHOULD BE GROUNDED/BONDED WHEN

TRANSFERRING. HLTH HZRD: OVEREXPOSURE MAY CAUSE EFFECTS IN HUMANS; TESTIS DAMAGE/MALE & FEMALE REPRODUCTIVE FERTILITY. FIRST AID: OBTAIN MEDICAL ATTENTION IN ALL CASES. SPILLS: COVER SEWER GRATES/DIKE.

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Transportation Data
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DOT: Ethylene Glycol Monoethyl Ether Acetate, 3, UN1172, PG III
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Disposal Data
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Refer to applicable regional, state and federal codes.
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Label Data
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Label Required: YES

Label Status: G

Common Name: 004795 CELLOSOLVE ACETATE GLYCOL ETHER EE ACETATE

Special Hazard Precautions: EYES: IRRITATION & POSSIBLE CORNEAL INJURY.

SKIN: MILD IRRITATION & BURNING. INHALATION: LARGE AMOUNTS MAY BE HARMFUL. CNS DEPRESSION, PULMONARY EDEMA & KIDNEY DAMAGE. INGESTION: LLARGE AMOUNTS

MAY BE HARMFUL. CNS DEPRESSION & KIDNEY DAMAGE. IRRITATION, STINGING, TEARING, REDNESS, BURNING, DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS.

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The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.