

PHARMCO PRODUCTS INC -- PURE ETHYL ALCOHOL -- 6810-00-264-5906

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Product Identification
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Product ID:PURE ETHYL ALCOHOL

MSDS Date:07/01/1989

FSC:6810

NIIN:00-264-5906

MSDS Number: BDQLC

=== Responsible Party ===

Company Name:PHARMCO PRODUCTS INC

Address:395 HOOK RD

City:BAYONNE

State:NJ

ZIP:07002

Country:US

Info Phone Num:203-853-3855

Emergency Phone Num:203-853-3855

CAGE:69796

=== Contra

ctor Identification ===

Company Name:PHARMCO PRODUCTS INC

Address:395 HOOK RD

Box:City:BAYONNE

State:NJ

ZIP:07002

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:69796

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Composition/Information on Ingredients
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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 100.0%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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Hazards Identification
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LD50 LC50 Mixture:ORAL RAT =6.2 TO 17.8 G/KG

Routes of Entry:

Inhalation: YES Skin: YES Ingestion: YES
Health Hazards Acute and Chronic: ACUTE: IRRITATION OF EYES AND SKIN; RESPIRATORY TRACT IRRITATION AT HIGH VAPORS CONCENTRATION; HEADACHE, DROWSINESS, FATIGUE. CHRONIC: IRRITATION OF MUCOUS MEMBRANES, CNS EFFECTS.
Effects of Overexposure: SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure: NO DATA AVAILABLE

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First Aid Measures
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First Aid: SKIN AND EYES: WASH THOROUGHLY WITH PLENTY OF WATER, CALL A PHYSICIAN IF NEEDED. INHALATION: REMOVE TO FRESH AIR, CALL A PHYSICIAN IF NEEDED.

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Fire Fighting Measures
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Flash Point Method: TCC
Flash Point: 59F/15C
Autoignition Temp: Autoignition Temp Text: 420C
Lower Limits: 3.9
Upper Limits: 19.0
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.
Unusual Fire/Explosion Hazard: USE REASONABLE CARE; VAPORS MAY CATCH FIRE DUE TO EXTREME HEAT OR OPEN FLAMES.

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Accidental Release Measures
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Spill Release Procedures: USE PROPER PERSONAL PROTECTION; RECOVER FREE LIQUID; USE SUITABLE ABSORBENT (ABSORBENT INERT MATERIAL) AND COLLECT FOR PROPER DISPOSAL.

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Handling and Storage
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Handling and Storage Precaution

s:STORE IN COOL, DRY AND WELL VENTILATED
AREA. KEEP AWAY FROM HEAT, SPARKS AND FLAMES.

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

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS/MIST IF ABOVE TLV/PEL.

Ventilation: LOCAL/GENERAL TO MAINTAIN TLV/PEL

Protective Gloves: IMPERVIOUS

Eye Protection: SAFETY GLASSES

Other Protective Equipment: LAB COAT/APRON AND EYE-WASH STATION.

Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN; DO NOT BREATHE
HE

VAPORS/MIST.

Supplemental Safety and Health

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

HCC: F2

Boiling Pt: =77.8C, 172.F

Vapor Pres: 44 MM HG

Vapor Density: 1.59

Spec Gravity: 0.79-0.81

Evaporation Rate & Reference: 2.7 (N-BUTYL ACETATE=1)

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR LIQUID-ALCOHOL ODOR

Percent Volatiles by Volume: >99

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

Stability Indicator/Materials to Avoid: YES

STRONG

OXIDIZING AGENTS

Stability Condition to Avoid: EXTREMELY HIGH TEMPERATURES

Hazardous Decomposition Products: CO AND/OR CO*2

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

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

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