



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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: ISOBUTYL ACETATE
This MSDS is valid for all grades and catalog numbers

General Information

Company's Name: PHARMCO PRODUCTS, INC.
Company's Street: 58 VALE RD.
Company's City: BROOKFIELD
Company's State: CT
Company's Zip Code: 06804
Company's Emerg Ph #: (203) 740-3471
Company's Info Ph #: (203) 740-3471

Date MSDS Revised: Nishant-8/23/99
Safety Data Review Date: 8/23/99
Preparer's Company: PHARMCO PRODUCTS, INC.
Preparer's St Or P. O. Box: 58 VALE RD.
Preparer's City: BROOKFIELD
Preparer's State: CT
Preparer's Zip Code: 06804

Ingredients/Identity Information

Proprietary: NO
Ingredient: ACETIC ACID, ISOBUTYL ESTER (ISOBUTYL ACETATE)
Ingredient Sequence Number: 01
Percent: 95

NIOSH (RTECS) Number: AI4025000
CAS Number: 110-19-0
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Physical/Chemical Characteristics

Appearance And Odor: WATER-WHITE LIQUID; FRUITY ODOR.
Boiling Point: 241F, 116C
Vapor Pressure (MM Hg/70 F): 12 @ 20C
Vapor Density (Air=1): N/A

Specific Gravity: 0.870(H₂O=1)
Evaporation Rate And Ref: 1.5 (BUAC=1)
Solubility In Water: 1%
Percent Volatiles By Volume: 100

Fire and Explosion Hazard Data

Flash Point: 83.0F, 28.3C
Flash Point Method: TOC
Lower Explosive Limit: 2.3%
Upper Explosive Limit: 7.2%

Extinguishing Media: CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES. ORDINARY FOAM FOR LARGER FIRES.

Special Fire Fighting Proc: WEAR
NIOSH/MSHA APPROVED SCBA & FULL

PROTECTIVE EQUIPMENT(FP N).
Unusual Fire And Expl Hazrds: NONE.

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): AVOID HEAT, FIRES & SPARKS.

Materials To Avoid: AVOID CONTAMINATION WITH STRONG ALKALIES.

Hazardous Decomp Products: THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE
&/CARBON DIOXIDE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: NO

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: CAUSES HEADACHE, NAUSEA, VOMITING &
NARCOSIS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

FLUSH WITH WATER. EYE: FLUSH W/WATER FOR AT LEAST 15 MINUTES. INGEST: CALL
MD IMMEDIATELY(FP N).

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: FLUSH HEAVILY WITH WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: INCINERATE IN A FURNACE. DISPOSE OF IN ACCORDANCE
WITH LOCAL, STATE & FEDERAL REGULATIONS (FP N).

Precautions-Handling/Storing: KEEP AWAY FROM HEAT, SPARKS & FIRE. DO NOT
LEAVE CONTAINER OPEN.

Other Precautions: AVOID PROLONGED OR REPEATED BREATHING OF VAPOR.

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Control Measures

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Respiratory Protection: NIOSH/MSHA AIR-SUPPLIED MASK FOR CONCENTRATIONS
ABOVE 2% BY VOLUME. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN (FP N).

Ventilation: LOC EXHST: PREFERABLE. MECH: ACCEPTABLE.

Protective Gloves: PLASTIC GLOVES.

Eye Protection: ANSI APPRVD CHEM SAFETY GOGGLES (FP N).

Other Protective Equipment: EYE BATH & SAFETY SHOWER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

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Transportation Data

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DOT: Isobutyl Acetate, 3, UN1213, PG II

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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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Common Name: ISOBUTYL ACETATE, 95%

Chronic Hazard: NO

Signal Word: DANGER!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

CAUSES HEADACHE, NAUSEA, VOMITING
& NARCOSIS. CHRONIC: NONE SPECIFIED
BY MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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.