

An ISO 9001:2000
Certified Company



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

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

MATERIAL SAFETY DATA SHEETS

Trade Name: RUBBER SOLVENT

General Information

Item Name: NAPHTHA, ALIPHATIC

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

Emergency Contact:

CHEMTREC 1-800-424-9300

Ingredients/Identity Information

Proprietary: NO

Ingredient: RUBBER SOLVENT OT V.M. & P NAPHTHA

Ingredient Sequence Number: 01

Percent: UNKNOWN

NIOSH (RTECS) Number: 1003161VN

CAS Number: 64742-89-8

OSHA PEL: 400 PPM

ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: OTHER HEPTANE ISOMERS
Ingredient Sequence Number: 02
NIOSH (RTECS) Number: 9999999OH
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: OTHER HEXANE ISOMERS
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: 9999999OI
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: HEXANE (N-HEXANE) (CERCLA)
Ingredient Sequence Number: 04
Percent: 12-18
NIOSH (RTECS) Number: MN9275000
CAS Number: 110-54-3
OSHA PEL: 500 PPM
ACGIH TLV: 50 PPM; 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: N-HEPTANE
Ingredient Sequence Number: 05
NIOSH (RTECS) Number: MI7700000
CAS Number: 142-82-5
OSHA PEL: 500 PPM
ACGIH TLV: 400 PPM/500STEL;9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: PENTANE
Ingredient Sequence Number: 06
NIOSH (RTECS) Number: RZ9450000
CAS Number: 109-66-0
OSHA PEL: 1000 PPM
ACGIH TLV: 600 PPM/750STEL;9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: TOLUENE (SARA 313) (CERCLA)
Ingredient Sequence Number: 07
Percent: 0-6
NIOSH (RTECS) Number: XS5250000
CAS Number: 108-88-3
OSHA PEL: 200 PPM; Z-2
ACGIH TLV: S, 50 PPM; 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: CYCLOHEXANE (SARA 313) (CERCLA)
Ingredient Sequence Number: 08
Percent: 0-3
NIOSH (RTECS) Number: GU6300000
CAS Number: 110-82-7
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM, 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: OTHER C5-C10 PARAFFINS
Ingredient Sequence Number: 09
NIOSH (RTECS) Number: 9999999OP
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: VOLATILE ORGANIC: 701 G/L
Ingredient Sequence Number: 10
NIOSH (RTECS) Number: 9999999VO
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: CLEAR, COLORLESS LIQUID, LIGHT HYDROCARBON ODOR.
Boiling Point: >114F,>46C
Melting Point: NO DATA
Vapor Pressure (MM Hg/70 F): 180
Vapor Density (Air=1): 3.2
Specific Gravity: 0.701
Evaporation Rate And Ref: 6.1 (N-BUTYL ACETATE=1)
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: 100
Viscosity: 0.564 CST
Autoignition Temperature: 530F

Fire and Explosion Hazard Data

Flash Point: <0F,<-18C
Flash Point Method: TCC
Lower Explosive Limit: 1.0
Upper Explosive Limit: 8.0
Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER FOG. USE CAUTION WHEN USING CO2 OR HALON IN CONFINED AREAS.
Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire And Explosion Hazards: CONTAINER MAY EXPLODE IN THE HEAT OF FIRE IF NOT PROPERLY COOLED. VAPOR MAY TRAVEL TO DISTANT IGNITION SOURCE, IGNITE & FLASHBACK.

Reactivity Data

Stability: YES

Conditions To Avoid (Stability): AVOID ALL POSSIBLE SOURCES OF IGNITION.

Materials To Avoid: AVOID CONTACT WITH STRONG OXIDIZING AGENTS AND REDUCING AGENTS.

Hazardous Decomposition Products: COMBUSTION CAN YIELD CARBON MONOXIDE AND CARBON DIOXIDE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): WILL NOT OCCUR.

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Hazards Acute And Chronic: MAY CAUSE SKIN & EYE IRRITANT. LOW TO MODERATE DEGREE OF TOXICITY BY INHALATION OR INGESTION. INHALATION AND INGESTION MAY CAUSE CNS DEPRESSION. INGESTION IS AN ASPIRATION HAZARD; MAY CAUSE GI TRACT IRRITATION. MAY CAUSE PERIPHERAL NERVE DAMAGE.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: INSUFFICIENT LABORATORY EVIDENCE.

Signs/Symptoms Of Overexposure: EYES-STINGING, WATERING, REDNESS, SWELLING. SKIN-REDNESS, BURNING, DRYING & CRACKING OF SKIN, SKIN DAMAGE. INHALED/INGESTED-IRRITATION OF NOSE & THROAT, HEADACHE, DROWSINESS, DIZZINESS, LOSS OF COORDINATION, FATIGUE, GIDDINESS, LOSS OF APPETITIE.

Med Conditions Aggravated By Exp: SKIN DISORDERS, LIVER DISORDERS, PERIPHERAL NERVE DISORDERS.

Emergency/First Aid Proc: EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET MEDICAL ATTENTION. SKIN-WASH WITH SOAP & WATER. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. INHALED-REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, DRINK SEVERAL GLASSES WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Material Released/Spill: ELIMINATE ALL SOURCES OF IGNITION. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. USE EXPLOSION-PROOF EQUIPMENT. ISOALTE & DENY ENTRY. STOP LEAK/SPILL. KEEP OUT OF SEWERS & WATERWAYS. CONTAIN SPILL. ABSORB/PLACE IN CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: RCRA HAZARDOUS WASTE IF DISCARDED IN PRODUCED FORM. EPA HAZARDOUS WASTE NUMBER(S) D001 AND D018 (40 CFR 261.20-24). STATE & LOCAL REQUIREMENTS FOR WASTE DISPOSAL MAY BE MORE RESTRICTIVE OR OTHERWISE DIFFERENT FROM FEDERAL REGULATIONS.

Precautions-Handling/Storing: KEEP CONTAINER TIGHTLY CLOSED. USE & STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM SOURCES OF IGNITION/INCOMPATIBLES, OUT OF DIRECT SUNLIGHT.

Other Precautions: EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO RESIDUE. ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER & IAW LOCAL, STATE AND FEDERAL REGULATIONS. ANY RINSATE MAY BE CONSIDERED A RCRA HAZARDOUS WASTE.

Control Measures

Respiratory Protection: IN THE EVENT OF AN EMERGENCY OR NON-ROUTINE USE, WEAR A NIOSH/MSHA-APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE, OR SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR. USE LAW 29 CFR 1910.134.

Ventilation: USE EXPLOSION-PROOF MECHANICAL OR LOCAL EXHAUST VENTILATION TO MAINTAIN OR MEET TLV/PEL.

Protective Gloves: IMPERMEABLE-BUTYL, PVA.

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER. IMPERVIOUS CLOTHING.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Suppl. Safety & Health Data: THIS MATERIAL CONTAINS THE FOLLOWING CHEMICALS WHICH ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM & ARE SUBJECT TO THE REQUIREMENTS OF CALIFORNIA PROPOSITION 65: BENZENE (CANCER), TOLUENE (REPRODUCTIVE HARM). CERCLA RQ FOR PRODUCT: >=2859 GALLONS OF PRODUCT.

Transportation Data

Trans Data Review Date: 98142

DOT PSN Code: LKX

DOT Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. OR PETROLEUM PRODUCTS, N.O.S.

DOT Class: 3

DOT ID Number: UN1268

DOT Pack Group: II

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: LMD

IMO Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. o

IMO Regulations Page Number: 3271

IMO UN Number: 1268

IMO UN Class: 3.2

IMO Subsidiary Risk Label: -

IATA PSN Code: TIW

IATA UN ID Number: 1268

IATA Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: TIW

AFI Prop. Shipping Name: PETROLEUM DISTILLATES, N.O.S.

AFI Class: 3

AFI ID Number: UN1268

AFI Pack Group: II

AFI Special Prov: P5

AFI Basic Pac Ref: A7.3

N.O.S. Shipping Name: NAPHTHA SOLVENT

Additional Trans Data: PSN IS PER MFR MSDS.

Disposal Data

Label Data

Label Required: YES

Label Status: F

Common Name: P/N 2001 RUBBER SOLVENT

Signal Word: DANGER!

Acute Health Hazard-Moderate: X

Contact Hazard-Slight: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard Precautions: MAY CAUSE SKIN & EYE IRRITANT. LOW TO MODERATE DEGREE OF TOXICITY BY INHALATION OR INGESTION. INHALATION & INGESTION MAY CAUSE CNS DEPRESSION. INGESTION IS AN ASPIRATION HAZARD; MAY CAUSE GI TRACT IRRITATION. MAY CAUSE PERIPHERAL NERVE DAMAGE. TARGET ORGANS: NERVOUS SYSTEM, LUNGS, SKIN, EYES. 1ST AID: EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET MEDICAL ATTENTION. SKIN-WASH WITH SOAP & WATER. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. INHALED-REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, DRINK SEVERAL GLASSES WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

64-17-5California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute:

Regulatory Data

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA): No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA.

The information contained herein is based on data considered to be accurate based on the material as packaged. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It is the user's obligation to determine the conditions of safe use of the product. While this MSDS is based on technical data judged to be reliable, PHARMCO-AAPER assumes not responsibility for the completeness or accuracy of the information contained herein.