

PETROLEUM ETHER

MSDS Number

BBJKP

National Stock Number

6850-00F001488

Product Name

PETROLEUM ETHER

Manufacturer

MALLINCKRODT INC

Product Identification

Product ID:PETROLEUM ETHER

MSDS Date:02/15/1989

FSC:6850

NIIN:00F001488

MSDS Number: BBJKP

Responsible Party

MALLINCKRODT INC.

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: 606-987-7000 OR 314-982-5000

Info Phone: 606-987-7000

Cage: 62910

Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

Ingredients

V M & P NAPHTHA, LIGROINE, MINERAL SPIRITS

CAS: 8032-32-4

RTECS: OI6180000

Fraction By Weight: 100%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: INTOXICATION & PERIPHERAL NERVE DISORDERS, CENTRAL NERVOUS SYSTEM DEPRESSION, THROAT IRRITATION. INGESTION: LOCAL IRRITATION W/BURNING SENSATION IN MOUTH/ESOPHAGUS/STOMACH, VOMITING, BLURR ED VISION, DIARRHEA, CHEMICAL PNEUMONIA, NERVOUS SYSTEM DISORDERS. SKIN: IRRITATION/DEFAT. EYE: IRRITATION/REDNESS/PAIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure: INHALATION: LOSS OF APPETITE, MUSCLE WEAKNESS, IMPAIRMENT OF MOTOR ACTION, DIZZINESS, & DROWSINESS. HARMFUL & FATAL. SKIN: DRYNESS & CRACKING, ASSOCIATED DERMATITIS. Medical Cond Aggravated by Exposure: SKIN DISORDERS OR EYE PROBLEMS, OR IMPAIRED LIVER, KIDNEY, OR RESPIRATORY FUNCTION

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: ASPIRATION HAZARD. DON'T INDUCE VOMITING. IF SPONTANEOUS VOMITING OCCURS, HOLD HEAD LOWER THAN HIPS. SKIN/EYES: IMMEDIATELY FLUSH W/PLENTRY OF WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method: CC
Flash Point: -57C/-70F
Lower Limits: 1%
Upper Limits: 6%
Extinguishing Media: DRY CHEMICAL, CO2, FOAM
Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING/SCBA W/FULL FACEPIECE OPERATED IN PRESSURE DEMAND/OTHER POSITIVE PRESSURE MODE. USE WATER SPRAY IF LEAK/SPILL HASN'T IGNITED.
Unusual Fire/Explosion Hazard: VAPORS FLOW ALONG SURFACE TO DISTANT IGNITION SOURCE/FLASHBACK. VAPOR-AIR MIXTURE IS EXPLOSIVE AT TEMPS >-70F. AUTOIGNITION TEMP: 450-500F. VIOLENT COMBUSTION.

Accidental Release

Spill Release Procedures: VENTILATE AREA. REMOVE IGNITION SOURCE. WEAR PROTECTIVE CLOTHING. CONTAIN/RECOVER WHEN POSSIBLE. COLLECT AS HAZARDOUS WASTE/ATOMIZE IN SUITABLE RCRA APPROVED COMBUSTION CHAMBER/ABSORB W/VERMICULITE/DRY SAND/EARTH. DON'T FLUSH TO SEWER. FLUSH W/WATER.

Handling

Handling and Storage Precautions: ATTACKS SOME FORMS OF PLASTIC/RUBBER/COATING. STORE IN TIGHTLY CLOSED CONTAINERS IN COOL/DRY/WELL-VENTILATED AREA. AVOID EYE/SKIN/CLOTHING CONTACT. Other Precautions: STORE IN NITROGEN ATMOSPHERE/OUTSIDE/DETACHED. INSIDE SHOULD BE IN STANDARD FLAMMABLE LIQUID STORAGE. BOND/GROUND CONTAINERS TO AVOID STATIC SPARKS. DON'T SMOKE. USE NON-SPARKING TOOLS. DON'T WEAR CONTACT LENSES. AVOID VAPOR INHALATION.

Exposure Controls

Respiratory Protection: IF PEL IS EXCEEDED A FULL FACEPIECE CHEMICAL CARTRIDGE NIOSH APPROVED RESPIRATOR MAY BE WORN UP TO MAXIMUM USE CONCENTRATION SPECIFIED BY RESPIRATOR SUPPLIER. ALTERNATIVELY, A SUPPLIED AIR FULL FACEPIECE RESPIRATOR/AIRLINED HOOD IS WORN.
Ventilation: LOCAL/GENERAL EXHAUST: RECOMMENDED TO KEEP LIMITS DOWN. LOCAL EXHAUST: PREFERRED BECAUSE IT CONTROLS EMISSIONS.
Protective Gloves: REQUIRED
Eye Protection: CHEMICAL SAFETY GOGGLES/FULL FACESHIELD
Other Protective Equipment: EYE WASH FOUNTAIN, QUICK-DRENCH FACILITIES, CLEAN-BODY PROTECTIVE CLOTHING
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
PRECAUTIONS (CONT'D): DANGER DON'T OPEN UNLESS CONTENTS ARE AT ROOM TEMPERATURE (72F) OR BELOW. ALLOW AT LEAST 24 HOURS FOR MATERIAL TO COOL TO ROOM TEMPERATURE BEFORE OPENING CONTAINER.

Chemical Properties

HCC: F2
Boiling Pt: B.P. Text: 95-140F
Melt/Freeze Pt: M.P/F.P Text: <-73C/-99F
Vapor Pres: 40
Vapor Density: 3

Spec Gravity:0.63-0.68
Evaporation Rate & Reference:(BU AC = 1): 10
Solubility in Water:INSOLUBLE
Appearance and Odor:CLEAR, COLORLESS LIQUID W/GASOLINE OR KEROSENE
ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stability Condition to Avoid:EXTREME HEAT, FLAMES, SUNLIGHT, SPARKS, &
OTHER SOURCES OF IGNITION, PHYSICAL DAMAGE
Hazardous Decomposition Products:CO₂, CO

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS. EXTREMELY FLAMMABLE.

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