

SOLVENT, 001386 TYPE I

MSDS Number

BHDWM

National Stock Number

8010-00-812-2800

Product Name

SOLVENT, 001386 TYPE I

Manufacturer

SOLVENTS AND CHEMICALS

Product Identification

Product ID: SOLVENT, 001386 TYPE I

MSDS Date: 11/21/1988

FSC: 8010

NIIN: 00-812-2800

MSDS Number: BHDWM

Responsible Party

SOLVENTS & CHEMICALS

PEARLAND, TX 77580-0490

US

Emergency Phone: 713-485-5377

Info Phone: 713-485-5377

Cage: EO158

Contractor

SOLVENTS AND CHEMICALS, INC.

PEARLAND, TX 77588-0490

US

281-485-5377

Cage: 4W432

Ingredients

LIGHT ALIPHATIC SOLVENT NAPHTHA

CAS: 64742-89-8

Fraction By Weight: 9%

ACGIH TLV: 300 PPM

ACETONE (SARA III)

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 9%

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 9%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 5%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

ISOBUTYL ACETATE (SARA III)

CAS: 110-19-0

RTECS: AI4025000

Fraction By Weight: 5%

OSHA PEL150 PPM

ACGIH TLV: 150 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:INHALING ANESTHETIC.IRRITATES RESPIRATORY TRACT.MAY CAUSE SERIOUS NERVOUS SYSTEMDEPRESSION.MAY CAUSE DAMAGE TO KDNEYS,BLOOD,NERVES,LIVER & LUNGS.SKIN CONTACT PRIMARY IRRITATION,DEFATTING,DERMATITIS.EY E CONTACT PRIMARY IRRITATION,REDNESS,TEARING,BLURRED VISION.

Effects of Overexposure:VAPOR HARMFUL.PROLONGED OR REPEATED CONTACT OF LIQ OR BREATHING OF VAPORS OR MISTS MAY CAUSE DELAYED & SERIOUS INJURY.ABSORPTION THRU SKIN MAY BE HARMFUL.MAY CAUSE REPRODUCTIVE DAMAGE.MAY CAUSE FETAL MALFORMATION.HARMFUL OR FATAL IF SWALLOWED.

First Aid

First Aid:IN CASE OF CONTACT W/SKIN OR EYES FLUSH W/PLENTY OF WTR FOR 15 MINS.GET MEDICAL ATTN.AFTER HIGH VAPOR EXPOSURE,REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT GIVE OXYGEN.IF BREATHING HAS STOPPED GIVE A RTIFICIAL RESPIRATION.IF SWALLOWED, CALLA PHYSICIAN IMMEDIATELY!DO NOT INDUCE VOMITINGHAVE PATIENT LIE DOWN & KEEP WARM.VOMITING MAY LEAD TO ASPIRATION TO LUNGS CAUSING PNEUMONITIS WHICH MAY BE FATAL.

Fire Fighting

Flash Point Method:TCC

Flash Point:-17C 2F

Extinguishing Media:NFPA CLASS B EXTINGUISHERS CARBON DIOXIDE CO2, OR FOAM FOR CLASS I B LIQUID FIRES.

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE FIGHTERS & COOL CLOSED CONTAINERS.USE FOG NOZZLES IF

WATER US USED.USE AIR SUPPLIED BREATHING MASKS.
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE!!KEEP CONTAINER
TIGHTLY CLOSED.ISOLATE FROM OXIDIZERS,HEAT, SPARKS,NON-EXPLOSION
PROOF ELECTRIC EQUIP & OPEN FLAME.

Accidental Release

Spill Release Procedures:SMALL MOP UP W/ABSORBENT MATERIAL & TRANSFER
TO HOOD.LARGE ISOLATE FROM OXIDIZERS,HEAT,SPARKS,ELECTRIC EQUIP &
OPEN FLAME.STOP SPILL AT SOURCE.DIKE AREA TO PREVENT SPREAD.PUMP
LIQ TO SALVAGE TANK.REMAINDER MAY BE TAKEN UP ON ABSORBENT
MATERIAL.

Handling

Handling and Storage Precautions:DO NOT STORE ABOVE 49C/120F.GROUND
CONTAINERS WHENPOURING.DO NOT FLAME CUT,SAW,CRAZE OR WELD.EMPTY
CONTAINER HAZARDOUS!
Other Precautions:VAPORS MAY IGNITE EXPLOSIVELY.VAPORS MAY SPREAD LONG
DISTANCES.PREVENT BUILD-UP.PUT OUT PILOT LIGHTS & TURN OFF IGNITION
SOURCES DURING USE & UNTIL ALL VAPORS ARE GONE.

Exposure Controls

Respiratory Protection:VENTILATE TO KEEP AIR BELOW 25 PPM.IF OVER TLV,
USE SELF-CONTAINED BREATHING AIRPACK APPROVED BY NIOSH/OSHA.CONSULT
SAFETY EQUIP SUPPLIER.USE EXPLOSION PROOF ELECTRIC EQUIP.
Ventilation:LOCAL EXHAUST PREFERABLE, MECHANICAL ACCEPTABLE
Protective Gloves:IMPERVIOUS
Eye Protection:OSHA CHEMICAL GOGGLES
Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NK

Chemical Properties

Boiling Pt:B.P. Text:134 - 309F
Vapor Pres:61.5
Vapor Density:3.7
Spec Gravity:0.809
Solubility in Water:APPRECIABLE
Appearance and Odor:CLEAR, WATER-WHITE, ODOR KETONE
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
ISOLATE FROM STRONG OXIDIZERS SUCH AS PERMANGANATE.
Stability Condition to Avoid:ISOLATE FROM HEAT,SPARKS,NON-EXPLOSION
PROOF ELECTRIC EQUIP & OPEN FIRES.

Disposal

Waste Disposal Methods:SMALL EVAPORATE UNTIL ALL VAPORS ARE
GONE.DISPOSE OF REMAINDER BY LEGALLY APPLICABLE METHODS.LARGE
RECYCLE OR INCINERATE OBSERVING LOCAL,STATE & FEDERAL HEALTH,SAFETY
& POLLUTION LAWS.

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