

J2564, LACQUER THINNER

MSDS Number

BSPNV

National Stock Number

8010-00F031991

Product Name

J2564, LACQUER THINNER

Manufacturer

UNOCAL CHEMICALS DIV UNION OIL CO OF CA

Product Identification

Product ID: J2564, LACQUER THINNER

MSDS Date: 11/11/1991

FSC: 8010

NIIN: 00F031991

MSDS Number: BSPNV

Responsible Party

UNOCAL CHEMICALS DIV UNION OIL CO OF CA

1650 E GOLF RD

SCHAUMBURG, IL 60173-5862

US

Emergency Phone: 800 435-7761/708 330-5219

Info Phone: 708-330-0076

Cage: 5W323

Contractor

UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA

SCHAUMBURG, IL 60195

US

800-967-7601

Cage: 5W323

Ingredients

METHANOL (METHYL ALCOHOL), COLUMBIAN SPIRITS

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 3.86%

OSHA PEL260 MG/CUM

ACGIH TLV: 262 MG/CUM (SKIN)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHYLCYCLOHEXANE

CAS: 108-87-2

RTECS: GV6125000

OSHA PEL2000 MG/CUM

ACGIH TLV: 1610 MG/CUM

ETHYL BENZENE

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 1-2.6%

OSHA PEL435 MG/CUM

ACGIH TLV: 434 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

HEPTANE

CAS: 142-82-5

RTECS: MI7700000

OSHA PEL2000 MG/CUM

ACGIH TLV: 1640 MG/CUM

6.83 LB

RTECS: 9999999WG

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 34%

ACGIH TLV: 100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ACETONE; DIMETHYL KETONE; 2-PROPANONE

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 19.3%

OSHA PEL2400 MG/CUM

ACGIH TLV: 750 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL

CAS: 67-63-0

RTECS: NT8050000

OSHA PEL400 PPM

ACGIH TLV: 400 PPM

XYLENE, DIMETHYLBENZENE, XYLOL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 8-9.5%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2-BUTOXYETHANOL (ETHYLENEGLYCOL MONOBUTYL ETHER), BUTYL

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 6.6%

OSHA PEL50 PPM (SKIN)

ACGIH TLV: 25 PPM (SKIN)

Hazards

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

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

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. SKIN:

IRRITATION, MAY BE TOXIC VIA ABSORPTION. INHALATION: IRRITATION OF THE NOSE & THROAT, NERVOUS SYSTEM DEPRESSION. INGESTION: IRRITATION OF THE DIGESTIVE TRACT, ASPIRATION HAZARD, CNS DEPRESSION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: STINGING, TEARING, REDNESS, SWELLING.

SKIN: REDNESS, BURNING, DRYING, CRACKING. INHALATION: NAUSEA, VOMITING, HEADACHE, DROWSINESS, DIZZINESS, INCOORDINATION, FATIGUE. INGESTION: BLINDNESS, CONV ULSIONS, COMA, DEATH. TOLUENE: CHANGES IN DNA OF CELL.

Medical Cond Aggravated by Exposure:SKIN, LUNG, ASTHMA, BLOOD, KIDNEY, LIVER, HEART DISORDERS.

First Aid

First Aid:EYES: MOVE TO FRESH AIR. FLUSH W/WATER FOR 20 MINS. SKIN: FLUSH W/SOAP & WATER. DRESS DAMAGED SKIN. INHALATION: MOVE TO FRESH AIR. IF BREATHING DIFFICULT OR STOPPED, GIVE OXYGEN OR CPR. INGESTION: GIV E SYRUP OF IPECAC TO INDUCE VOMITING. PUT PERSON ON LEFT SIDE W/HEAD DOWN. NOTE TO PHYSICIAN: EPINEPHRINE & SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIA ARRHYTHMIA. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:TCC

Flash Point:0F

Lower Limits:1%

Upper Limits:36%

Extinguishing Media:DRY CHEMICAL, CO2, HALON, POLAR OR ALCOHOL FOAM, WATER SPRAY

Fire Fighting Procedures:EXTREMELY FLAMMABLE LIQUID & VAPOR. VAPOR MAY CAUSE FLASH FIRE. WEAR FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS TRAVEL LONG DISTANCES IN LOW AREAS TO IGNITION SOURCES.

Accidental Release

Spill Release Procedures:KEEP AWAY IGNITION SOURCES. ISOLATE AREA. STOP SPILL IF W/OUT RISK. PREVENT FROM ENTERING SEWERS, STORM DRAINS, NATURAL WATERWAYS. DIKE & RECOVER. ABSORB.

Handling

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT & IGNITION SOURCES. GROUND ALL EQUIPMENT.

Other Precautions:DON'T PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND CONTAINERS, MAY EXPLODE. EMPTY CONTAINERS RETAIN RESIDUE, ARE DANGEROUS.

Exposure Controls

Respiratory Protection:IF LEVELS EXCEED LIMITS, USE AIR SUPPLIED RESPIRATOR.

Ventilation:EXHAUST SYSTEMS MAY BE REQUIRED TO KEEP LEVELS BELOW LIMITS. INSURE ELECTRICAL SYSTEMS ARE SAFE FOR EXPLOSIVE AREAS.

Protective Gloves:IMPERMEABLE

Eye Protection:FACE SHIELD, CHEMICAL GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING. EYE WASH & SHOWER IN AREA.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DON'T WEAR CONTAMINATED CLOTHING OR SHOES.

Supplemental Safety and Health

CONT'D MATERIAL TO AVOID: ISOCYANATES, OXIDIZING AGENTS, ORGANOMETALLIC CONTAMINANTS, STRONG REDUCING AGENTS. DELIBERATE INHALATION MAY BE HARMFUL OR FATAL.

Chemical Properties

Boiling Pt:B.P. Text: 133-340F

Vapor Pres: 75.4

Vapor Density:3

Spec Gravity:0.820

Evaporation Rate & Reference:(N BU AC = 1): 3.2

Solubility in Water:APPRECIABLE

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, AMINES, ANHYDRIDES, ACETALDEHYDE, ALUMINUM, BASES, CHLORINE, ETHYLENE OXIDE, HYDROGEN PEROXIDE (SEE SUPP)

Stability Condition to Avoid:IGNITION SOURCES (HEAT, SPARKS, FLAMES, STATIC ELECTRICITY, PILOT LIGHTS, ELECTRICAL EQUIPMENT).

Hazardous Decomposition Products:CO, CO2

Disposal

Waste Disposal Methods:DISPOSE I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

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