

JAPAN DRIER, GJD40

MSDS Number

BYTVG

National Stock Number

8010-00N022440

Product Name

JAPAN DRIER, GJD40

Manufacturer

W M BARR AND CO INC

Product Identification

Product ID: JAPAN DRIER, GJD40

MSDS Date: 04/20/1994

FSC: 8010

NIIN: 00N022440

MSDS Number: BYTVG

Responsible Party

W M BARR & CO INC

2105 CHANNEL AVE

MEMPHIS , TN 38113

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 901-775-0100

Cage: IO117

Contractor

W M BARR & CO INC

MEMPHIS, TN 38113

US

901-775-0100

Cage: IO117

Ingredients

MANGANESE 2-ETHYLHEXANOATE

CAS: 15956-58-8

Fraction By Weight: 30-35%

OSHA PELN/K

ACGIH TLV: N/K

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC; (LIGHT

CAS: 64742-95-6

RTECS: WF3400000

Fraction By Weight: 35-40%

OSHA PELN/K

ACGIH TLV: N/K

BENZENE, 1,2,4-TRIMETHYL-; (1,2,4-TRIMETHYLBENZENE) (SARA

CAS: 95-63-6

RTECS: DC3325000

Fraction By Weight: 10-15%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM

MANGANESE NAPHTHENATE

CAS: 1336-93-2

Fraction By Weight: 5-10%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM

XYLENE (SARA 313) (CERCLA)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 1%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM; 150 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

749 G/L (EXCLUDING EXEMPT SOLVS

RTECS: 9999999VO

OSHA PELN/K

ACGIH TLV: N/K

MATL & PLACE IN PLASTIC CNTNR WHERE APPLIC. LG

RTECS: 9999999ZZ

TRANSPORTATION RELATED SPILLS CONTACT CHEMTREC AT

RTECS: 9999999ZZ

AIR ACROSS WORK AREA. IF STRONG ODOR NOTICED OR

RTECS: 9999999ZZ

STOP - VENTILATION IS INADEQUATE. LEAVE AREA

RTECS: 9999999ZZ

BY PRIOR USE. DISCARD ANY CLTHG/OTHER PROT

RTECS: 9999999ZZ

MANGANESE (SARA 313); (MANGANESE SOLUTION CONSISTING OF

CAS: 7439-96-5

RTECS: OO9275000

Fraction By Weight: 5-10%

OSHA PEL5 MG/M3 DUST, C

ACGIH TLV: 5 MG/M3 DUST

MINERAL SPIRITS CONSISTING OF INGS 2-3

Fraction By Weight: 80-85%

OSHA PELN/K

ACGIH TLV: N/K

STODDARD SOLVENT; (STODDARD SOLVENT, TYPE I)

CAS: 8052-41-3

RTECS: WJ8925000

Fraction By Weight: 95-100%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

BENZENE, 1,2,4-TRIMETHYL-; (1,2,4-TRIMETHYLBENZENE) (SARA

CAS: 95-63-6

RTECS: DC3325000

Fraction By Weight: 0-2%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM

ZIRCONIUM 2-ETHYLHEXANOATE; (ZIRCONIUM SOLUTION) CONSISTING

CAS: 22464-99-9

Fraction By Weight: 5-10%

OSHA PELN/K

ACGIH TLV: N/K

ZIRCONIUM 2-ETHYLHEXANOATE

CAS: 22464-99-9

Fraction By Weight: 50-55%

OSHA PELN/K

ACGIH TLV: N/K

NAPHTHOL SPIRITS; (ISOPARAFFINS)

CAS: 64742-48-9

Fraction By Weight: 40-45%

OSHA PELN/K
ACGIH TLV: N/K

HEXANOIC ACID, 2-ETHYL-; (2-ETHYLHEXANOIC ACID)

CAS: 149-57-5

RTECS: MO7700000

Fraction By Weight: 1-5%

OSHA PELN/K

ACGIH TLV: N/K

COBALT ALKANOTE SOLUTION CONSISTING OF INGS 9-12

RTECS: 9999999ZZ

Fraction By Weight: 5-10%

OSHA PELN/K

ACGIH TLV: N/K

STODDARD SOLVENT

CAS: 8052-41-3

RTECS: WJ8925000

Fraction By Weight: 50-55%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

COBALT 2-ETHYLHEXANOATE

CAS: 136-52-7

Fraction By Weight: 20-25%

OSHA PELN/K

ACGIH TLV: N/K

NAPHTHENIC ACID, COBALT SALT; (COBALT NAPHTHENATE)

CAS: 61789-51-3

RTECS: QK8925000

Fraction By Weight: 20-25%

OSHA PEL0.05 MG C0/M3

ACGIH TLV: 0.05 MG C0/M3

HEXANOIC ACID, 2-ETHYL-; (2-ETHYLHEXANOIC ACID)

CAS: 149-57-5

RTECS: MO7700000

Fraction By Weight: 1-5%

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:INHAL:MAY CAUSE DIZZ; HDCH; IRRIT OF RESP TRACT; LOSS OF COORDINATION; DROW; FATG; NARCOS; WEAK; DFCLTY BRTHG; BLURRED VISION; TIGHTNESS & PAIN IN CHEST; COUGH; NAUS; PNEUMOCONIOSIS; MUSC TWITCH ; EYE IRRIT; VOMIT; LT HEAD; & CNS DEPRESS & DMG. SEV OVEREXP MAY CAUSE CONVLS, UNCON & DEATH. SKIN: (EFTS OF OVEREXP)

Explanation of Carcinogenicity:COBALT NAPHTHENATE: IARC MONOGRAPH ON EVAL OF CARCIN RISK OF CHEMS TO MAN, VOL 52, PG 363, 1991: GROUP 2B.

Effects of Overexposure:HLTH HAZ:MAY CAUSE IRRIT, REDNESS, BURNING, DRYING & CRACKING. EYES: MAY CAUSE REDNESS, STING, TEARING & IRRIT. INGEST:HARMFUL/FATAL. MAY CAUSE HDCH; DIZZ; NAUS; VOMIT; DROW; FATG; INCOORDINATION; DEP RESS; GI IRRIT; WEAK; MUSC TWITCH; DIARR; CNS DEPRESS; CONVLS; UNCON & DEATH. LIQ ASPIR INTO LUNGS CAN CAUSE DMG(SUPDAT)

Medical Cond Aggravated by Exposure:DISEASES OF SKIN, LIVER, KIDNEYS, CENTRAL NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM & RESPIRATORY SYSTEM; PSYCHIATRIC DISORDERS & ALCOHOLISM.

First Aid

First Aid:INHAL: IF BRTHG DFCLTY EXPERIENCED, MOVE TO AIR FREE OF VAPS. ADMIN OXYGEN/ARTF RESP UNTIL MED ASSISTANCE CAN BE RENDERED. SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/LG QTYS OF WATER FOR @ LEAST 15 MIN. IF IRRIT PERSISTS, GET MED ATTN. INGEST: DO NOT INDUCE VOMIT. CALL POIS CTL CTR, HOSPITAL EMER ROOM/MD IMMED. NOTE TO MD:THIS FORMULA REGISTERED W/POISINDEX. CALL LOC POIS CTL CTR FOR FURTHER INFO.

Fire Fighting

Flash Point Method:SCC

Flash Point:114F,46C

Lower Limits:0.8%

Extinguishing Media:USE CARBON DIOXIDE, DRY POWDER OR FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . STORAGE CNTNRS EXPOSED TO FIRE SHOULD BE KEPT COOL W/WATER SPRAY TO PVNT PRESS BUILDUP. STAY AWAY (SUPDAT)

Unusual Fire/Explosion Hazard:CAUTION! COMBUSTIBLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND ALL OTHER SOURCES OF IGNITION.

Accidental Release

Spill Release Procedures:KEEP UNNEC PEOPLE AWAY; ISOLATE HAZ AREA & DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS & VENT CLSD SPACES BEFORE ENTERING. SHUT OFF IGNIT SOURCES; KEEP FLARES/SMKNG/FLAMES OUT OF AREA. SM SPILLS:TAKE UP LIQ W/SAND, EARTH/OTHER NONCOMBUST ABSORB(ING 20)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. STORE IN COOL, DRY PLACE. DO NOT STORE NEAR FLAMES OR AT ELEVATED TEMPERATURES.

Other Precautions:READ CAREFULLY ALL CAUTIONS & DIRECTIONS ON LABEL BEFORE USE. SINCE EMPTY CNTNR RETAINS RESIDUE, FOLLOW ALL LABEL WARNINGS EVEN AFTER CNTNR IS EMPTY; DISPOSE OF IT ACCDG TO ALL REGS. DO NOT REUSE CNTN R. DUST MASK DOES NOT PROVIDE RESP PROT.

Exposure Controls

Respiratory Protection:USE ONLY W/ADEQ VENT UNDER ENGINEERED AIR CTL SYS DESIGNED TO PVNT EXCEEDING APPROP TLV. FOR OCCAS USE, WHERE ENGINEERED AIR CTL IS NOT FEASIBLE, USE PROPERLY MAINTAINED & PROPERLY FITTED NIOSH/MSHA A PPRVD RESP FOR ORG SOLV VAPS.

Ventilation:USE ONLY W/ADEQ VENT TO PVNT BUILD-UP OF VAPS. OPEN ALL WINDOWS & DOORS. USE ONLY W/CROSS VENT OF MOVING FRESH (ING 22)

Protective Gloves:IMPERMEABLE GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:IMPERMEABLE APRONS, ETC TO MINIMIZE EXPOS. SOURCE OF CLEAN WATER FOR FLUSHING EYES/SKIN. DO NOT WEAR CNTCT LENSES.

Work Hygienic Practices:DO NOT EAT, DRINK/SMOKE IN WORK AREA. WASH HANDS THORO AFTER USE. BEFORE REUSE, THORO CLEAN CLTHG/EQUIP CONTAMD (ING 24)

Supplemental Safety and Health

FIRE FIGHT PROC: FROM HEADS OF CNTNRS EXPOSED TO INTENSE HEAT/FLAME.

EFTS OF OVEREXP: OR CHEM PNEUM; CAN BE FATAL. CHRONIC:RPTS HAVE ASSOC RPTD & PRLNGD OVEREXP TO SOLVS W/NEUROLOGICAL & OTHER PHYSIOL OGICAL DMG. MAY CAUSE SKIN IRRIT; DRYING, BURNING, REDNESS & CRACKING; ANEMIA; BONE MARROW DMG; LIVER DMG; & JAUNDICE.

Chemical Properties

Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres:2 @ 20C

Spec Gravity:0.806

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:89 WT

Stability

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE WITH STRONG OXIDIZING AGENTS; REDUCING AGENTS; HALOGENS AND SULFUR.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE AND TOXIC FUMES.

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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