

DRILUBE COMPANY -- DRILUBE #6A -- 9150-00-948-7025

===== Product Identification =====

Product ID:DRILUBE #6A
MSDS Date:01/01/1987
FSC:9150
NIIN:00-948-7025
MSDS Number: BFYTD
=== Responsible Party ===
Company Name:DRILUBE COMPANY
Address:711 W BROADWAY
City:GLENDALE
State:CA
ZIP:91204-1009
Country:US
Emergency Phone Num:213-245-1804
CAGE:HO746
=== Contractor Identification ===
Company Name:DRILUBE
CO
Address:711 W BROADWAY
Box:City:GLENDALE
State:CA
ZIP:91204-1009
Country:US
Phone:818-240-8144
CAGE:06186
Company Name:DRILUBE COMPANY
Address:711 WEST BROADWAY
Box:City:GLENDALE
State:CA
ZIP:91204
Country:US
Phone:213-245-1804
CAGE:HO746

===== Composition/Information on Ingredients =====

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 37.0%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Na

me:ETHYL ACETATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: 12.0%
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 07.0%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 05.0%
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM
; 9293

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000
Fraction by Wt: 09.0%
OSHA PEL:10 MG/M3 TDUST (MO)
ACGIH TLV:10 MG/M3 (MO); 8990

===== Hazards Identification =====

Effects of Overexposure:DRYING SKIN;EYE IRRITN;INHALN:MAY CAUSE
ANESTHESIA,HEADACHE,DIZZ,NAUSEA,UPPER RESPTRY IRRITN,ETC.

===== First Aid Measures =====

First Aid:INHALN:REMOVE TO FRESH AIR,APPLY CPR/OXYGEN IF NECESSARY.GET
MED

ATTN;SKIN:WASH W MILD SOAP SOLN;EYES:FLUSH W WATER FOR AT LEAST 15 MIN.GET MED ASST:IN SEVERE IRRITN/CASES OF SKIN & EYES CALL PHYS.ING EST:GET MED ATTN:DO NOT INDUCE VOMITING.

===== Fire Fighting Measures =====

Flash Point:65F/17.2C (TCC)
Lower Limits:1.0
Upper Limits:10.0
Extinguishing Media:CO*2,FOAM,DRY CHEMICAL
Fire Fighting Procedures:WATER SPRAY IS INEFFECTIVE.USE WATER TO COOL HEAT EXPO CONTR
Unusual Fire/Explosion Hazard:KEEP CONTRS CLOSE
D.NEVER USE WELDG/CUTTG
TORCH ON OR NEAR(EVEN EMPTY)CONTNR,PROD MAY IGN EXPLOSIVELY

===== Accidental Release Measures =====

Spill Release Procedures:ELIM ALL SOURCES OF IGN.VENTILATE AREA.USE SELF-CONTND BREATHING APP TO AVOID VAPOR BREATHING.DIKE SPILL AREA & PUMP LIQ TO SALVAGE TANK.ABSORB REMAINING LIQ W ABSORBENT MATL & SHOVEL INTO CONTNR SUIT ABLE FOR SHIPPING TO DISPOSAL AREA.

===== Handling and Storage =====

Handling and Storage Precautions:STORE BELOW 120F.STORE LARGE QTY IN BLDG FOR STORAGE OF OSHA CLASS 1 FLAMM LIQDS.KEEP CONTNR AGAINST PHYSICAL DAMAGE & AWAY FROM SOURCES OF IGNITIONS.
Other Precautions:RESTRICTED VENTILATION AREA:BUREAU OF MINES APPRVD CHEMICAL/MECHANICAL FILTERS.DO NOT TAKE INTERNALLY.CONTNR SHOULD BE GROUNDED WHEN POURING/TRNSFRG LIQ.WHENEVER WATER IS USED.USE FOG NOZZLE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:AIR SUPPLIED MASK IN CONFINED AREAS.
Ventilation:LOCAL EXHAUST IS PREFERRED TO CONTROL TLV.
Protective Gloves:RUBBER
Eye Protection:CHEM SPLASH GOGGLES
Other Protective Equipment:APRON
Supplemental Safety and Health
MSDS FROM DRILUBE CO DATED:8/30/1977; OTHER COMPONENTS; MODIFIED EPOXY RESIN,17%, ADDITIVES:9%,UNIDENTIFIED COMPONENTS:4%,
CATALYST:0.03%;SPEC REF:MIL-L-46010A; QPL-46010-8 APPLIES.

===== Physical/Chemical Properties =====

HCC:F2
Boiling

Pt:B.P. Text:190-230F
Vapor Pres:UNK
Vapor Density:UNK
Spec Gravity:1.066
Evaporation Rate & Reference:UNK
Solubility in Water:NEGLIGIBLE
Appearance and Odor:GRAY TO BLACK SOLUTION,CHARACTERISTIC ODOR.
Percent Volatiles by Volume:79.0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING MATL & CORROSIVE MATERIALS.
Stability Condition to Avoid:SOURCE OF HEAT,SPARK,IGNITION,OPEN
FLAME,ETC.
Hazardous Decomposition
Products:THERMAL DECOMPOSITION MAY YIELD CARBON
MONOXIDE & CO*2
Conditions to Avoid Polymerization:UNK

===== Disposal Considerations =====

Waste Disposal Methods:INCINERATE LIQUID IN APPROVED FACILITY UNDER
CONTROLLED CONDITIONS IAW APPLICABLE REGULATIONS.MATL ABSORBED ON
ABSORBENT BE SHIPPED TO POSTED LANDFILL FOR BURIAL IAW LOCAL,STATE
& FED REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information
is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.