

DRILUBE COMPANY -- DRILUBE #6A -- 9150-00-948-6912

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

Product ID:DRILUBE #6A
MSDS Date:10/28/1986
FSC:9150
NIIN:00-948-6912
MSDS Number: BFYSS
=== Responsible Party ===
Company Name:DRILUBE COMPANY
Address:711 W BROADWAY
City:GLENDALE
State:CA
ZIP:91204-1009
Country:US
Info Phone Num:213-245-1804
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
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OT Rpt Qty:1000 LBS

Ingred Name: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: 7.0%

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: 5.0%

OSHA PEL:S

, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 9.0%

OSHA PEL:10 MG/M3 TDUST (MO)

ACGIH TLV:10 MG/M3 (MO); 8990

Ingred Name:MODIFIED EPOXY

Fraction by Wt: 17.0%

Ingred Name:CATALYST

Fraction by Wt: 0.03%

Ingred Name:ADDITIVES

Fraction by Wt: 9.0%

Ingred Name:OTHER COMPONENTS

Fraction by Wt: 4.0%

Ingred Name:INGREDIENTS #06,07,08,09 WERE ADDED FROM AN OLD MSDS DATED
AUG 30,1977.(MORE DETAILED INFORMATION)

RTECS #:999999

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE:DRYING OF SKIN:EYE
IRRITATION;ANESTHETIC EFFECTS,HEADACHE,DIZZINESS,NAUSEA,UPPER
RESPIRATORY IRRITATION. CHRONIC:NO DATA AVAILABLE.
Effects of Overexposure:DRYING SKIN;EYE IRRITN;INHALN:MAY CAUSE
ANESTHESIA,HEADACHE,DIZZ,NAUSEA,UPPER RESPTRY IRRITN,ETC.
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY
BE
WORSEN.

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

First Aid:INHALN:REMOVE TO FRESH AIR,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.INGEST:GET MED ATTN.DO NOT
INDUCE VOMITIN G.

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

Flash Point:65F/17.2C (TCC)
Lower Limits:1.0
Upper Limits:10.0
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM
Fire Fighting Procedures:WATER SPRAY IS INEFFECTIVE.WATER IS USED TO
COOL CONTAINER
Unusual Fire/Explosion Hazard:KEEP CONTAINERS CLOSED.ISOLATE FROM
HEAT,ELECTRICAL EQUIPMENT,SPARKS & OPEN FLAME

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION(FLAMES,HOT
SURFACES & ELECT.STATIC OR FRICTIONAL SPARKS.AVOID BREATHING
VAPORS.VENTILATE AREA.REMOVE SPILL WITH NON-SPARKING TOOLS.

===== Handli
ng and Storage =====

Handling and Storage Precautions:STORE BELOW 120F.STORE LARGE
QUANTITIES IN BLDG FOR STORAGE OF OSHA CLASS 1 FLAMM LIQDS.KEEP
CONTNRS AGAINST PHYSICAL DAMAGE & AWAY FROM SOURCE OF IGN
Other Precautions:RESTRICTED VENTILATION AREA:BUREAU OF MINES APPROVED
CHEMICAL MECHANICAL FILTERS.DO NOT TAKE INTERNALLY.CONTAINER SHOULD
BE GROUNDED WHEN POURING.WHENEVER H*2O IS USED.USE FOG NOZZLE

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

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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 DRIULUBE COMPANY DATED: 10/28/86;; SPEC REF: MIL-L-46010B.

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

HCC: F2
Boiling Pt: B.P. Text: 195-230F
Spec Gravity: 1.066
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

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

Waste Disposal Methods: INCINE
RATE IN APPROVED FACILITY UNDER CONTROLLED
CONDITIONS. DO NOT INCINERATE CLOSED CONTAINERS.

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