

DRILUBE CO -- DRILUBE #2

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MSDS Safety Information  
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FSC: 9150  
NIIN: 00-834-5608  
MSDS Date: 03/27/2001  
MSDS Num: CLCPN  
Product ID: DRILUBE #2  
MFN: 01  
Responsible Party  
Cage: 06186  
Name: DRILUBE CO  
Address: 711 W BROADWAY  
City: GLENDALE CA 91204-1009  
Info Phone Number: 81  
8-240-8144  
Emergency Phone Number: 213-245-1804  
Preparer's Name: NOT PROVIDED  
Proprietary Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 06186  
Name: DRILUBE CO  
Address: 711 W BROADWAY  
City: GLENDALE CA 91204-1009  
Phone: 818-240-8144

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Item Description Information  
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Item Manager:  
S9G  
Item Name: LUBRICANT,SOLID FILM  
Specification Number: MIL-L-46010  
Type/Grade/Class: TYPE I  
Unit of Issue: PT  
UI Container Qty: G  
Type of Container: CAN

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: NOT PROVID

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Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: MOLYBDENUM COMPOUNDS MAY BE IRRITATING. INORGANIC ANTIMONY COMPOUNDS MAY CAUSE IRRITATION (ANTIMONY MEASELS) ON SKIN CONTACT. INORGANIC LEAD MAY CAUSE LEAD POISONING WITH NEUROLOGICAL/NEUROMUSCULAR, K IDNEY AND OTHER SYSTEMIC EFFECTS. POLYMER FROM POLYVINYL ALCOHOL AND FORMALDEHYDE AS A COPOLYMER WITH POLYVINYL ACETATE MAY CAUSE EYE IRRITATION ON CONTACT. BISPHENOL BASED RESINS MAY CAUSE CNS EFFECT S AND RESPIRA

TORY IRRITATION; MAY

BE TOXIC IF SKIN ABSORBED, MAY CAUSE SKIN IRRITATION/SENSITIZATION. THE SOLVENTS MAY CAUSE CNS DEPRESSION AND SKIN, EYE, RESPIRATORY IRRITATION.

Explanation Of Carcinogenicity: CAS# 107-06-2 SOLVENT (ETHYLENE CHLORIDE) IS A PROBABLE HUMAN CANCER HAZARD BASED ON TESTS WITH LABORATORY ANIMALS. IT HAS BEEN IDENTIFIED AS A POSSIBLE CARCINOGEN BY IARC AND NTP.

Signs And Symptions Of Overexposure: IRRITATION (MOLYBDENUM); RED/PIMPLY SKIN ERUPTION (ANTIMONY); TIREDNESS, D

ECREASED APPETITE, METALLIC TASTE, STOMACH

CRAMPS WITH COLIC, KIDNEY DYSFUNCTION, NERVOUS DYSFUNCTION, ANEMIA, ENCEPHALOPATHY , PERIODIC STOMACH CRAMPS & CONSTIPATION (LEAD); EYE IRRITATION (POLYVINYL ALCOHOL COPOLYMER/POLYACETATE COPOLYMER); EYE IRRITATION, HEADACHES, NAUSEA, DIZZINESS, RESPIRATORY IRRITATION (SOLVENTS); SO LVENT (CAS# 67-56-1) CNS DEPRESSION, CARDIAC DEPRESSION, RESPIRATORY IRRITATION, BLURRED VISION, PHOTOPHOBIA, CONJUNCTIVITIS, EYE LESIONS, INTOXICATION.

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dical Cond Aggravated By Exposure: SOLVENT (CAS# 107-06-2) MAY AGGRAVATE LIVER AND/OR KIDNEY DISORDERS.

First Aid: NOT PROVIDED

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Handling and Disposal

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Spill Release Procedures: EVACUATE THE AREA, VENTILATE, AND AVOID BREATHING VAPORS. DIKE AREA TO CONTAIN SPILL. CLEAN UP AREA (WEAR PROTECTIVE EQUIPMENT) BY MOPPING OR WITH ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DI

SPOSAL. AVOID CONTAMINATION OF GROUND AND SURFACE WATERS. DO NOT FLUSH TO SEWERS.

Neutralizing Agent: NOT PROVIDED

Waste Disposal Methods: RECOVERED LIQUIDS MAY BE SENT TO A LICENSED RECLAIMER OR INCINERATION FACILITY. CONTAMINATED MATERIAL MUST BE DISPOSED OF IN A PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY. CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES.

Handling And Storage Precautions: STORE IN COOL PLACE. KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARK

S AND FLAME. SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE EVEN LIQUID PRODUCT IN THE ABSENCE OF SPARKS OR FLAME. EXTINGUISH PILOT LIGHT , CIGARETTES AND TURN OFF OTHER SOURCES OF IGNITION PRIOR TO USE AND UNTIL ALL VAPORS ARE GONE.

Other Precautions: VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANT FROM THE HANDLING SITE: FLASH-FIRE CAN RESULT. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. DO NOT CUT, DRILL, GRIND OR WELD NEAR CONTAINERS. AVOID BREATHING VAPORS.

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC  
Flash Point: =18.3C, 65.F  
Lower Limits: 0.5  
Upper Limits: 7.0  
Extinguishing Media: CO2, FOAM, DRY CHEMICAL.  
Fire Fighting Procedures: NONE REQUIRED.  
Unusual Fire/Explosion Hazard: SEE REACTIVITY SECTION.

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Control Measures  
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Respiratory Protection: AVOID BREATHING DUST. USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT WHEN AIRBORNE EXPOSURE IS EXCESSIVE. CONSULT RESPIRATOR MANUFACTURER TO DETERMINE THE APPROPRIATE TYPE OF EQUIPMENT FOR GIVEN APPLICATION. OBSERVE RESPIRATOR USE LIMITATIONS SPECIFIED BY NIOSH/MSHA OR THE MANUFACTURER.  
Ventilation: PROVIDE NATURAL OR MECHANICAL VENTILATION TO MINIMIZE EXPOSURE. IF PRACTICAL, USE LOCAL MECHANICAL EXHAUST VENTILATION AT SOURCE SUCH AS OPEN PROCESS EQUIPMENT.  
Protective Gloves: RUBBER  
Eye Protection: SAFETY GOGGLES  
Other Protective Equipment: NOT PROVIDED  
Work Hygienic Practices: WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health: ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL

NERVOUS SYSTEM.

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Physical/Chemical Properties  
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HCC: F2  
NRC/State LIC No: NOT RELEVANT  
B.P. Text: 160-188F  
M.P/F.P Text: NOT PROVIDED  
Decomp Text: NOT PROVIDED  
Vapor Pres: 2.715  
Vapor Density: 64.5  
Spec Gravity: 1.22  
VOC Grams/Liter: 823  
Viscosity: NOT PROVIDED  
Evaporation Rate & Reference: 8.55 (N-BUTYL ACETATE=1)  
Solubility in Water: SLIGHT  
Appearance and Odor: GRAY TO BLACK, MILD  
ODOR.  
Percent Volatiles by Volume: 91  
Corrosion Rate: NOT PROVIDED

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: EXCESSIVE HEAT, SPARKS, OPEN FLAME, FIRE.  
Materials To Avoid: EXCESSIVE HEAT, SPARKS, OPEN FLAME, FIRE.  
Hazardous Decomposition Products: HYDROGEN CHLORIDE AND POSSIBLE PHOSGENE  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NONE

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Toxicological Information  
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Toxicological Information: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE SOMETIMES REFERRED TO AS SOLVENT OR PAINTER'S SYNDROME. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THIS PRODUCT MAY BE HARMFUL OR FATAL. CAS # 67-56-1 SOLVENT IS TOXIC ORALLY AND POSSES NARCOTIC PROPERTIES. IT HAS EFFECTS ON CNS AND OPTIC NERVE. CAN CAUSE CARDIAC DEPRESSION, UNCONSCIOUSNESS AND EVENTUALLY DEATH.

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Ecological Information  
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Ecological: NOT PROVIDED

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MSDS Transport Information  
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Transport Information: NOT PROVIDED  
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Regulatory Information  
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Sara Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS  
SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 313 AND 40 CFR 372: CAS #  
67-56-1 SOLVENT, 1.7-2.2 %; CAS # 78-93-3 SOLVENT, 15.1-15.3%; CAS # 107-06-2  
SOLV ENT, 40-42%; INORGANIC LEAD COMPOUND (CAS # 12141-20-7), &lt;7%.

Federal Regulatory Information: NOT PROVIDED

State Regulatory Information  
: NOT PROVIDED

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Other Information  
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Other Information: NONE

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Transportation Information  
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Responsible Party Cage: 06186

Trans ID NO: 156892

Product ID: DRILUBE #2

MSDS Prepared Date: 03/27/2001

Review Date: 05/08/2001

MFN: 1

Tech Entry NOS Shipping Nm: SOLVENTS (78-93-3 15.1-15.3  
% AND 107-06-2 40-42%)

Net Unit Weight: 1.3 LBS

Limited Quantity IND: Y

Multiple KIT Number: 0

Unit Of Issue: PT

Container QTY: G

Type Of Container: CAN

Additional Data: LIMITED QUANTITIES ARE EXCEPT FROM LABELING, PLACARDING AND  
SPECIFICATION PACKAGING; UNLESS SHIPPED BY AIR (SEE 49 CFR 173.150). PROPER  
SHIPPING NAME, UN ID NUMBER, HAZARD CLASS, AND PACKING GROUP PER TECHNICAL  
SUPPORT.

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Detail DOT Information  
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DOT PSN Code: GJJ

Symbols: G

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

Hazard Class: 3

UN ID Num: UN1993

DOT Packaging Group: II

Label: FLAMMABLE LIQUID

Special Provision: T8,T31

Non Bulk Pack: 202

Bulk Pack: 242

Max Qty Pass: 5L

Max Qty Cargo: 60 L

Vessel Stow Req: B

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Detail IMO Information  
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IMO PSN Code: HIN

IMO Proper Shipping Name: FLAMMABL

E LIQUID, N.O.S. o  
IMDG Page Number: 3230  
UN Number: 1993  
UN Hazard Class: 3.2  
IMO Packaging Group: I/II  
Subsidiary Risk Label: -  
EMS Number: 3-07  
MED First Aid Guide NUM: T

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Detail IATA Information  
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IATA PSN BV  
IATA UN ID Num: 1993  
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. \*  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: II  
Packing Note Passenger: 305  
Max Qua  
nt Pass: 5L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 307

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Detail AFI Information  
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AFI PSN BV  
AFI Symbols: \*  
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1993  
AFI Packing Group: II  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label  
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=====  
Product ID: DRILUBE #2  
Cage: 06186  
Company Name: DRILUBE CO  
Street: 711 W BROADWAY  
City: GLENDALE CA  
Zipcode: 91204-1009  
Health Emergency Phone: 213-245-1804  
Label Required IND: Y  
Date Of Label Review: 05/14/2001  
Status Code: A  
MFG Label NO: NOT PROVIDED  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: NO  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions

: TARGET ORGANS: N/P. MAY CAUSE LEAD POISONING, CNS EFFECTS, RESPIRATORY IRRITATION, SKIN IRRITATION/SENSITIZATION. SPILL: DIKE AREA. CLEAN UP BY MOPPING OR WITH ABSORBENT. FIRE: USE CO2, FOAM, DRY CHEMICAL..

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