

MATERIAL SAFETY DATA SHEET

SLIDE PRODUCTS, INC.
430 S. WHEELING ROAD
WHEELING, IL 60090

PRODUCT NAME: BULK CUTTING OIL

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PRODUCT NUMBER: 413HBBulk
D.U.N.S. NUMBER: 00-299-4168

THIS MSDS IS APPLICABLE TO: 41301B, 41305B and 41355B UNITS

SECTION I. IDENTIFICATION

CHEMICAL NAME: LUBRICANT OIL
CHEMICAL FAMILY: SULPHURIZED ALIPHATIC OIL
FORMULA: 41301HB, 41305HB, and 41355HB
SYNONYMS: SLIDE CUTTING OIL
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE
H.M.I.S. RATING: 2, 2, 0, G
1, 5, & 55 GALLON SHIPPING INFORMATION:
DOT SHIPPING NAME: COMBUSTIBLE LIQUID N.O.S.
IDENTIFICATION NUMBER: NA 1993
PACKING GROUP: III
IN ACCORDANCE WITH 49 CFR 173.150 (f) (2), NON-BULK QUANTITIES OF THIS MATERIAL MAY BE SHIPPED AS NON REGULATED FOR USA DOMESTIC **GROUND** SHIPMENTS

SECTION II. PHYSICAL DATA

BOILING POINT: 200-450 DEGREES F.
FREEZING POINT: 0 DEGREES F.
SPECIFIC GRAVITY (H₂O = 1): .9
WEIGHT PER GALLON @ 60 F.: 7.56
VAPOR PRESSURE @ 70 F. (MM HG): 59
VAPOR DENSITY (AIR = 1): >1
SOLUBILITY IN WATER, % BY WEIGHT: NIL
PERCENT VOLATILE BY WEIGHT: 100
EVAPORATION RATE (MINUTES): DOES NOT EVAPORATE
APPEARANCE AND ODOR: BROWN VICOUS OIL – SOLVENT ODOR

SECTION III. HAZARDOUS INGREDIENTS

MATERIAL:	APPROX. WT. %:	CAS NUMBER:	PEL(OSHA):
LUBRICANT OIL	89	MIXTURE	N/A
N-PROPYL BROMIDE	11	106-94-5	100 PPM*

*OSHA PEL AND ACGIH TLV NOT ESTABLISHED. SOLVENT MANUFACTURER RECOMMENDS A WORKPLACE EXPOSURE GUIDELINE OF 100 PPM 8 HOUR. TWA BASED ON THE SCIENTIFIC ASSESSMENT OF SOLVENT MIXTURE AND OTHER EXISTING TOXICOLOGICAL DATA

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR:	LEL: N/A	UEL: N/A	(VOLUME %)
FLASH POINT: 315 DEGREES F.			
EXTINGUISHING MEDIA: CO ₂ , FOAM, DRY CHEMICAL, WATER FOG			
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS			
UNUSUAL FIRE & EXPLOSION HAZARDS: MATERIAL IS COMBUSTIBLE AND MAY FORM HCl, HF AND TRACES OF PHOSGENE UPON PYROLYSIS.			

SECTION V. REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION BY-PRODUCTS: CO, CO₂, SO₂
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: STRONG OXIDIZERS

SECTION VI. HEALTH HAZARD DATA (ALSO SEE SECTIONS X & XI)

THRESHOLD LIMIT VALUE: 100 PPM

- **EFFECTS OF OVEREXPOSURE ***

INGESTION (SWALLOWING): NAUSEA, VOMITING
INHALATION: RESP. IRRITATION, DIZZINESS, NAUSEA
SKIN CONTACT: MAY DEFAT SKIN ON PROLONGED CONTACT
EYE CONTACT: SLIGHT IRRITATION

- **EMERGENCY AND FIRST AID PROCEDURES ***

INGESTION: DO NOT INDUCE VOMITING. GIVE VEGETABLE OIL, CALL PHYSICIAN
SKIN: WASH WITH SOAP AND WATER. APPLY HANDCREAM. LAUNDER CONTAMINATED CLOTHING.
INHALATION: REMOVE TO FRESH-AIR LOCATION AWAY FROM EXPOSURE
EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ABSORB ON FIRE-RETARDANT
SAWDUST OR CLAY-DISPOSE AT APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH
WASTE DISPOSAL METHOD: SUPERVISED INCINERATION IN COMPLIANCE WITH APPLICABLE LAWS
AND REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION
VENTILATION: SUGGESTED
PROTECTIVE GLOVES: RECOMMENDED BUT NOT REQUIRED
EYE PROTECTION: PROPER EYE CARE IS NEEDED IN ALL INDUSTRIAL OPERATIONS
OTHER PROTECTIVE EQUIPMENT: AS REQUIRED BY YOUR COMPANY

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT ALLOW TO FREEZE. STORE IN
LOCATION AWAY FROM HEAT SOURCES. DO NOT EAT, DRINK, OR SMOKE IN WORK AREA.
OTHER PRECAUTIONS: DO NOT CUT, PUNCTURE, OR WELD ON OR NEAR EMPTY CONTAINERS.

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT
SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED
INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY
APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE
SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.
THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE
CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD
COMMUNICATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND
REGULATIONS HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.

<http://www.slideproducts.com/cutting.htm>