



**Chemical Name:** Moly-Dee Tapping Fluid

**Manufacturer:** Castrol Industrial

**Container Size:** NA

**Location:** VLA

**Disposal:** Place empty container in trash. Give partial or full container to safety officer.

CASTROL INDUSTRIAL WEST INC -- MOLY DEE TAPPING FLUID CUTTING OIL -- 9150-00N072614

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MSDS Safety Information  
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FSC: 9150  
MSDS Date: 08/28/1990  
MSDS Num: CBYPX  
LIIN: 00N072614  
Tech Review: 09/03/1996  
Product ID: MOLY DEE TAPPING FLUID CUTTING OIL  
Responsible Party  
Cage: CASTI  
Name: CASTROL INDUSTRIAL WEST INC  
Address: 5511 DISTRICT BLVD  
City: LOS ANGELES CA 90040 US  
Info Phone Number: 213-771-2257  
Emergency Phone Number: 213-771-7000  
Preparer's Name: A. LUM  
Review Ind: N

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Contractor Summary  
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Cage: CASTI  
Name: CASTROL INDUSTRIAL INC  
Address: 1001 W 31ST  
City: DOWNERS GROVE IL 60515-1280 US  
Phone: 708-241-4000  
Cage: 98308  
Name: CASTROL INDUSTRIAL NORTH AMERICA INC.  
Address: 5511 DISTRICT BLVD  
City: LOS ANGELES CA 90040 US  
Phone: 213-890-4420

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Ingredients  
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Cas: 64741-96-4  
RTECS #: PY8040001  
Name: MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT REFINED (SEVERE), HEAVY  
NAPHTHENIC, (ING 2)  
% by Wt: 10-30  
OSHA PEL: 5 MG/M3 (MFR)  
ACGIH TLV: 5 MG/M3 (MFR)  
Ozone Depleting Chemical: N

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Name: ING 1:(SEVERELY SOLVENT REFINED PETROLEUM OIL)  
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Cas: 63449-39-8  
RTECS #: RV0450000  
Name: PARAFFIN WAXES AND HYDROCARBON WAXES, CHLORINATED; (CHLORINATED  
PARAFFIN)  
% by Wt: 30-50  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)  
Ozone Depleting Chemical: N

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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL, RAT):> 5 G/KG  
Route Of Entry Inds - Inhalation: NO  
Skin: NO

Ingestion: NO  
 Carcinogenicity Inds - NTP: NO  
 IARC: NO  
 OSHA: NO

Effects of Exposure: INHAL:TLV FOR PRODUCT NOT ESTABLISHED. REFER TO HAZARDOUS MATERIALS LIST FOR INGREDIENT TLV'S. SKIN:CONCENTRATE IS NOT EXPECTED TO CAUSE SKIN IRRITATION. SKIN ABSORPTION:CONCENTRATE IS NOT EXPECTED TO BE TOXIC. LD 50 (RABBIT) IS GREATER THAN 2 G/KG. EYE:CONCENTRATE IS NOT EXPECTED TO CAUSE EYE (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ: IRRITATION. INGESTION: CONCENTRATE IS NOT EXPECTED TO BE TOXIC.

Medical Cond Aggravated By Exposure: NONE KNOWN.

First Aid: EYES: IN CASE OF CONTACT, FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS. SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER, IF IRRITATION OCCURS, GET MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. INHALATION: IF IRRITATION OCCURS, REMOVE TO FRESH AIR AREA AND AVOID FURTHER INHALATION. INGESTION: GET MEDICAL ATTENTION IMMEDIATELY.

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 Handling and Disposal  
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Spill Release Procedures: RECOVER FREE LIQUID. KEEP PETROLEUM PRODUCTS OUT OF STREAMS AND WATERWAYS BY DIKING OR IMPOUNDING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (FP N).

Handling And Storage Precautions: AVOID CONTACT W/EYES & BRTHG MISTS. WASH SKIN W/SOAP & H\*2O AFTER CONTACT, BEFORE BREAKS & MEALS, & AT END OF WORK. WASH CONTAMD CLTHING BEFORE REUSE.

Other Precautions: DO NOT TAKE INTERNALLY. BRING PROD TO ROOM TEMP BEFORE USE. KEEP DRUMS CLSD WHEN NOT IN USE. PROT MEASURES FOR REPAIR & MAINTAINANCE OF CONTAMD EQUIP: WEAR GLOVES & PROT EYEWEAR AT ALL TIMES DURING EQU IPMENT DECONTAMINATION OR REPAIR.

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 Fire and Explosion Hazard Information  
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Flash Point Method: COC

Flash Point Text: 325F,163C

Extinguishing Media: CO\*2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: NONE KNOWN.

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 Control Measures  
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Respiratory Protection: IF EXCESSIVE MISTING OCCURS, OR IF ASSOCIATED TLV IS EXCEEDED, PROVIDE NIOSH APPROVED RESPIRATORY EQUIPMENT WITH TC-21C-XXX CARTRIDGE COMBINATION.

Ventilation: NORMALLY NOT NEEDED. USE LOC EXHST TO CAPTURE VAP, MIST & FUMES. PROVIDE > 60 FPM FACE VELOCITY FOR CONFINED SPACES.

Protective Gloves: CHEMICAL RESISTANT.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: ANSI APPRVD EMER EYE WASH & DELUGE SHOWER (FP N). WEAR GLOVES & PROT EYEWARE AT ALL TIMES DURING EQUIPMENT (SUPDAT)

Work Hygienic Practices: WASH SKIN WITH SOAP & WATER AFTER CONTACT, BEFORE BREAKS & MEALS, & AT END OF WORK. WASH CONTAMD CLOTHING BEFORE REUSE.

Supplemental Safety and Health: VP: NEGLIGIBLE AT ROOM TEMPERATURE. EVAP

RATE: NEGLIGIBLE AT ROOM TEMPERATURE (BUTYL ACETATE =1). OTHER PROT  
EQUIP: DECONTAMINATION OR REPAIR. APRON.

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Physical/Chemical Properties  
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B.P. Text: >500F,>260C  
Vapor Pres: SUPDAT  
Spec Gravity: 1.06 (H\*20=1)  
Evaporation Rate & Reference: SUPDAT  
Solubility in Water: % BY WT INSOLUBLE  
Appearance and Odor: DARK GRAY OIL, SLIGHT OIL ODOR.  
Percent Volatiles by Volume: 70.90  
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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.  
Materials To Avoid: STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products: OXIDES OF CARBON, SULFUR, MOLYBDENUM AND  
HCL ARE POTENTIAL COMBUSTION PRODUCTS.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NOT RELEVANT.  
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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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HAZCOM Label  
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Product ID: MOLY DEE TAPPING FLUID CUTTING OIL  
Cage: CASTI  
Company Name: CASTROL INDUSTRIAL INC  
Street: 1001 W 31ST  
City: DOWNERS GROVE IL  
Zipcode: 60515-1280 US  
Health Emergency Phone: 213-771-7000  
Date Of Label Review: 09/03/1996  
Label Date: 09/03/1996  
Chronic Hazard IND: N  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: CAUTION  
Respiratory Protection IND: YES  
Health Hazard: None  
Contact Hazard: None  
Fire Hazard: Slight  
Reactivity Hazard: None  
Hazard And Precautions: ACUTE: INHALATION: TLV FOR PRODUCT NOT  
ESTABLISHED. REFER TO HAZARDOUS MATERIALS LIST FOR INGREDIENT TLV'S.

SKIN: CONCENTRATE IS NOT EXPECTED TO CAUSE SKIN IRRITATION. SKIN  
ABSORPTION: CONCENTRATE IS NOT EXPTCEED TO BE TOXIC. LD 50 (RABBIT) IS  
GREATHER THAN 2 G/KG. EYE: CONCENTRATE IS NOT EXPECTED TO CAUSE EYE  
IRRITATION. INGESTION: CONCENTRATE IS NOT EXPECTED TO BE TOXIC. CHRONIC:  
NONE SPECIFIED BY MANUFACTURER.

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