

TEXAS LUBRICANTS CORP -- TLC UNIVERSAL TORQUE OIL -- 9150-01-177-9438

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Product Identification  
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Product ID:TLC UNIVERSAL TORQUE OIL

MSDS Date:09/30/1989

FSC:9150

NIIN:01-177-9438

MSDS Number: BLVDF

=== Responsible Party ===

Company Name:TEXAS LUBRICANTS CORP

Box:1709

City:ROANOKE

State:TX

ZIP:76262

Country:US

Info Phone Num:800-582-3835/817-430-3000

Emergency Phone Num:800-457-2022

CAGE:

0B176

=== Contractor Identification ===

Company Name:TEXAS LUBRICANTS CORP

Box:1709

City:ROANOKE

State:TX

ZIP:76262

Country:US

Phone:800-457-2022

CAGE:0B176

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Composition/Information on Ingredients  
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Ingred Name:LUBRICATING BASE OIL (MULTIPLE CAS NUMBERS INVOLVED)

Fraction by Wt: > 90.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:ADDITIVES

Fraction by Wt: < 8.5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ADDITIV

ES CONTAINING ZINC DIALKYL DITHIOPHOSPHATE (CAS  
68649423)

Fraction by Wt: < 1.5%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:SLIGHT

IRRITATION.SKIN:MODERATE IRRITATION.INHALATION/INGESTION:THE  
SYSTEMIC TOXICITY OR THIS SUBSTA

NCE HAS NOT BEEN

DETERMINED.HOWEVER,IT SHOULD BE PRACTICALLY NON-TOXIC TO INTERNAL  
ORGANS IF INHALED OR INGESTED.CHRONIC-MAY CAUSE SKIN BLISTERING  
AND DERMATITIS.

Effects of Overexposure:MAY CAUSE EYE PAIN, TEARS, SWELLING, REDNESS,  
AND BLURRED VISION. PROLONGED SKIN CONTACT MAY CAUSE PAIN OR A  
FEELING OF HEAT, DISCOLORATION, SWELLING AND BLISTERING.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDER MAY BE  
AGGRAVATED WITH THIS PRODUCT.

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= First Aid Measures =====

First Aid:OBTAIN MEDICAL HELP IN ALL CASES.INHALATION:REMOVE TO FRESH  
AIR.EYE:FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS  
OPEN.SKIN:REMOVE EXCESS WITH CLOTH OR PAPER.WASH WITH SOAP &  
WATER.INGESTION:I F CONSCIOUS,DRINK WATER OR MILK.GET MEDICAL CARE  
IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:374F,190C

Extinguishing Media:USE WATER FOG, CARBON DIOXI  
DE, FOAM, OR DRY  
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN+PRESSURE.  
COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:MAY EMIT WATER VAPORS, CARBON DIOXIDE AND  
CARBON MONOXIDE

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. PROVIDE  
ADEQUATE VENTILATION. RECOVER FREE LIQUID

. ADD INERT ABSORBENT SUCH  
AS EARTH,SAND, OR VERMICULITE TO SPILL AREA. COLLECT ABSORBENT.  
KEEP PRODUCT OUT OF WATERWAYS.

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Handling and Storage  
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Handling and Storage Precautions:STORAGE-KEEP CONTAINER IN COOL,DRY  
PLACE AWAY FROM EXCESSIVE HEAT,FLAMES & STRONG OXIDIZERS.  
Other Precautions:AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. WASH  
THOROUGHLY AFTER HANDLING. LAUNDER CLOTHING BEFORE REUSE. AVOID  
INHALING VAPORS. EMPTY CONTAINERS OF THIS PRODUCT CAN BE HAZARDOUS  
DUE TO THE RETENTION OF RESIDUES AND VAPORS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE. IF TLV EXCEEDED, WEAR A NIOSH-APPROVED SELF  
CONTAINED BREATHING APPARATUS.  
Ventilation:LOCAL EXHAUST FAN IS RECOMMENDED TO MAINTAIN CONCENTRATION  
OF OIL MIST IN AIR BELOW RECOMMENDED TLV.  
Protective Gloves:RUBBER/OIL RESISTANT GLOVES RECOMMENDED  
Eye Protection:CHEMICAL SAFETY GOGGLES,FULL FACE SHIELD  
Other  
Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.  
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.  
Supplemental Safety and Health  
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A UNDER THE SAME  
NSN.

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Physical/Chemical Properties  
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HCC:V6  
Spec Gravity:0.89  
Solubility in Water:INSOLUBLE  
Appearance and Odor:ORANGE LIQUID

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION  
Hazardous Decomposition Products:NONE KNOWN.

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Disposal Considerations  
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Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY  
IN COMPLIANCE

WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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