

D-A LUBRICANT CO -- TORQUE FLUID -- 9150-01-092-3540

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Product Identification  
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Product ID:TORQUE FLUID

MSDS Date:03/15/1989

FSC:9150

NIIN:01-092-3540

MSDS Number: BSVQQ

=== Responsible Party ===

Company Name:D-A LUBRICANT CO

Address:1340 WEST 29TH ST

City:INDIANAPOLIS

State:IN

ZIP:46208

Country:US

Info Phone Num:317-923-5321;216-391-8300

Emergency Phone Num:317-923-5321;216-391-8300

CAGE

:30719

=== Contractor Identification ===

Company Name:D-A LUBRICANT CO INC SUB OF PREMIER INDUSTRIAL

Address:1340 W 29TH ST

Box:City:INDIANAPOLIS

State:IN

ZIP:46208-4943

Country:US

Phone:317-923-5321/216-391-8300 OTHER HRS

CAGE:30719

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL,PETROLEUM DISTILLATES, HYDROTREATED (SEVERE)  
HEAVY PARAFFINIC; (PETROLEUM OILS).LD50 (ORAL,RAT): 1300 MG/KG.

CAS:64742-54-7

RTECS #:PY8035501

Fraction by Wt: 60-99%

OS

HA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL,PETROLEUM DISTILLATES, SOLVENT-REFINED (SEVERE)  
HEAVY PARAFFINIC;(PETROLEUM OILS).LD50 (ORAL,RAT):2000MG/KG.

CAS:64741-88-4

RTECS #:PY8040501

Fraction by Wt: 60-99%

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ZINC DIALKYL DITHIOPHOSPHATE; (ZINC  
DIORGANOITHIOPHOSPHATE). LD50 (ORAL,RAT): >5000 MG/KG.

CAS:68457-79-4

Fraction by Wt: 0.5-1.5%

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE RESPIRATORY SYSTEM,  
SKIN AND/OR EYE IRRITATION. INGESTION MAY CAUSE NAUSEA, CRAMPS,  
DIARRHEA, AND OTHER GASTROINTESTINAL DISORDERS. CHRONIC: EXCESS  
MIST MAY CAUSE RESPIRATORY PROBLEMS . EXCESS SKIN CONTACT MAY CAUSE  
DRYNESS.

Explanation of Carcinoge  
nicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures =====

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15  
MINUTES AND CALL PHYSICIAN. INHALATION: REMOVE TO FRESH AIR,  
ADMINISTER OXYGEN AND CALL PHYSICIAN. SKIN: WASH THOROUGHLY WITH  
PLENTY OF WATE R AND SOAP. INGESTION: SEEK PHYSICIAN IMMEDIATELY;  
SHOW MSDS OR LABEL

; DO NOT INDUCE VOMITING. WASH SOILED CLOTHING  
BEFORE WEARING AGAIN.

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Fire Fighting Measures =====

Flash Point:>370F,>188C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE, SAND  
OR EARTH.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT . TREAT AS A CLASS B FIRE. USE WATER TO COOL  
THREATENED CONTAINERS.

Unusual Fire/Explosion Hazard:COMBUSTION PRODUCTS: CARBON MONOXIDE,  
CARBON DIOXID

E, SMOKE, SULFUR COMPOUNDS, NITROGEN COMPOUNDS,  
PHOSPHOROUS COMPOUNDS, CALCIUM COMPOUNDS, ZINC COMPOUNDS.

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Accidental Release Measures =====

Spill Release Procedures:ELIMINATE SOURCE IF SAFE TO DO SO. PREVENT  
FROM ENTERING WATERWAYS AND DRAINS. WEAR SUITABLE PERSONAL  
PROTECTIVE EQUIPMENT. DIKE AND ABSORB WITH INERT MATERIAL AND  
TRANSFER TO SEALED APPROVED CONTAINE R FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:USE ONLY IN WELL VENT AREAS. AVOID PRLNGD/RPTD BRTHG OF FUMES, VAP/MIST. AVOID CONT W/EYES & SKIN. DO NOT TAKE INTERNALLY. WASH THORO AFTER USING.

Other Precautions:IN CASE OF ACCIDENT OR ILLNESS, CONSULT PHYS IMMED; SHOW LBL &/OR MSDS. KEEP OUT OF REACH OF CHILDREN. ALWAYS READ & FOLLOW DIRECTIONS ON PROD LBL. ADDNL TECHNICAL INFO &/OR MSDS ARE AVAIL UPON REQUES T. FOR PROFESSIONAL & INDU S USE (SUPDAT)

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE ONLY IN WELL VENTILATED AREAS. WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN

Ventilation:LOCAL EXHAUST RECOMMENDED. MECHANICAL EXHAUST REQUIRED.

Protective Gloves:OIL/SOLVENT RESISTANT.

Eye Protection:ANSI APRV CHEM WORK GOGG .

Other Protective Equipment:OIL/SOLVENT RESISTANT CLOTHING AND FOOTWEAR.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING.

Supplemental Safety and Health

OTHER PRECAUTIONS: ONLY. GOOD PERSONAL HYGIENE IS MOST IMPORTANT. EMPTY CONTAINERS RETAIN RESIDUE WHICH CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOS SUCH CONTAI NERS TO HEAT, FLAME, SPARKS OR OTHER IGNITION SOURCES: THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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Physical/Chemical Properties  
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Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:NIL

Spec Gravity:0.86-0.90

Evaporatio

n Rate & Reference: