

PENNZOIL CO

-- TRANSFORMER OIL

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MSDS Safety Information
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FSC: 9160
NIIN: 00-685-0913
MSDS Date: 11/11/1994
MSDS Num: BXSZ
Product ID: TRANSFORMER OIL
MFN: 01
Responsible Party
Cage: 01326
Name: PENNZOIL CO
Address: 700 MILIAM PENNZOIL PL
Box: 2967
City: HOUSTON TX 77252
Info Phone Number: 800-546-6227; FAX -4876
Emergency Phone Number: 800-546-6040
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: 01326
Name: PENNZOIL CO
Address: 700 MILIAM PENNZOIL PL
Box: 2967
City: HOUSTON TX 77002

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Contractor Summary
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Cage: 3K676
Name: GARD CORPORATION
Address: 2840 ROE LANE
City: KANSAS CITY KS 66103-1543
Phone: 913-236-5000
Cage: 01326
Name: PENNZOIL CO
Address: 700 MILIAM PENNZOIL PL
Box: 2967
City: HOUSTON TX 77002
Phone: 800-546-4000

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Item Description Information
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Item Manager: S9G
Item Name: INSULATING OIL,ELECTRICAL
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 5 GAL
Type of Container: CAN

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Ingredients
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Cas: 64742-53-6
RTECS #: PY8036000

Name: MINERAL OIL
% Wt: 95-100
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)

RTECS #: 10104720S
Name: OXIDATION STABILIZER (TRADE SECRET)
% Wt: <1
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: BASED ON TESTING OF SIMILAR PRODUCTS &/OR
COMPONENTS:EYE:PRACTICALLY NON-IRRIT.SKIN:SLIGHT IRRIT.PROL/REP CONTACT MAY
RESULT IN CONTACT DERM MAKING IT MORE SUSCEPTIBLE TO TOHER
IRRIT,SENS,DESEASE.PROL/REP CONTACT MAY RESULT IN OIL ACNE.INHA L:NOT
EXPECTED TO PRESENT HAZ @AMB CONDITIONS DUE TO LOW VAP PRESSURE.(SUPPLE)
Explanation Of Carcinogenicity: PER MSDS:IARC HIGHLY REFINED MINERAL OIL
GROUP 3 SUBSTANCE.
Signs And Symptions Of Overexposure: CONTACT
DERM:DRYNESS,CHAPPING,REDDENING.OIL ACNE:BLACKHEADS W/POSSIBLE SECONDARY
INFECTION.CHEM PNEUMONITIS:PULM EDEMA,HEMORRAHAGE,FATAL.SIGNS OF LUNG
INVOLVMENT:INCR RESP RATE,INCR HEART RATE,BLUIISH DISCOLORATION OF
SKIN.ASPIRATION:COUGH,C HOKING,GAGGING.SHORTNESS OF BREATH.
Medical Cond Aggravated By Exposure: PULMONARY DISEASE SUCH AS CHRONIC LUNG
INFLAMMATION.
First Aid: EYE:IMMED FLUSH W/LG AMTS OF WATER.CONTI TIL IRRIT SUBSIDES.MATL
HOT TREAT FOR THERMAL BURNS.TAKE TO HOSP IMMED.SKIN:REMOVE CONTAMIN
CLLTH.RED/IRRIT OCCUR GET MED ATTN.MATL HOT SUBMERGE IN COLD WATER.SEVERELY
BURNED MOVE TO HOSP IMMED.INHAL :NOT EXPECTED TO PRESENT INHAL EXPO @AMB
TEMP.INGEST:DO NOT INDUCE VOMIT DUE TO ASPIRATION HAZ.IF VOMIT LOWER HEAD
BEL KNEES.SEEK MED ATTN IMMED.

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Handling and Disposal
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Spill Release Procedures: CONSULT HEALTH SECS/PPE/FIRE PROT INFO.NOTIFY
APPROPRIATE AUTHORITIES.CONTAIN IMMED.DO NOT ALLOW TO ENTER
SEWERS/WATERCOURSES.REMOVE ALL IGN SOURCES.ABSORB W/APPROPRIATE INERT
MATL(SAND,CLAY,ETC).LG SPILL:USE VA PUMPS,SHOVELS,BUCKETS,ETC.PL ACE IN DR.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: ALL DISPO MUST COMPLY W/FED/STATE/LOC REGS.MATL
SPILL/DISCHARGED MAY BE REG WASTE.REFER TO STATE/LOC REGS.CAUT.IF REG
SOLVTS USED TO CLEANUP SPILL,WSTE MIXTURE MAY BE REG.WASTE MATL MAY BE
LANDFILL/INCINERRATE @APPROVE FACILITY.AMTL SHOULD BE RECYCLE
Handling And Storage Precautions: DON'T TRANS TO UNMARK CNTNR.STORE CLSD
CNTNR AWAY FROM HEAT/SPARK/OPN FLAME/OXID MATL.FIRE EXTINGUISH KEPT READILY
AVAILABLE.REF:NFAP30,OSHA1910.106.

Other Precautions: CONSUMPTION OF FOOD/BEV SHOULD BE AVOIDED IN
WORKAREASWHERE
HYDROCARBONS ARE PRESENT.ALWAYS WASH HANDS/FACE W/SOAP/WATER
BEFEAT/DRINK/SMOKE.

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Fire and Explosion Hazard Information
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Flash Point Method: COC
Flash Point Text: 306F,152C
Autoignition Temp Text: NO DAT
Lower Limits: NO DATA
Upper Limits: NO DATA
Extinguishing Media: USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.
Fire Fighting Procedures: WATER MAY BE INEFFECTIVE,BUT USE TO COOL HEAT/FLAME
EXPO CNTNR.SCAT SHOULD BE EXERCISED WHEN USING WATER/FOAM-FROTHING MAY
OCCUR ESPECIALLY SPRAY INTO HOT LIQ.
Unusual Fire/Explosion Hazard: DENSE SMOKE MAY BE GENERATED WHILE
BURNING.CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED
AS PRODUCTS OF COMBUSTION.

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Control Measures
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Respiratory Protection: NOT REQUIRED UNDER CONDITIONS OF NORMAL USE.IF
VAP/MIST IS GENERATED WHEN MATL IS HEATED/HANDLED USE ORGANIC VAPOR
RESPIRATOR W/DUST/MIST FILTER.ALL RESP MUST BE NIOSH CERTIFIED.DO NOT USE
COMPRESSED OXYGEN IN HDYROCARBON ATMS.
Ventilation: VAP/MIST GENERATED ADEQUATE VENTI IAW GOOD ENGINEERING PRAC MUST
BE PROVIDED TO MAINTAIN CONC BELOW SPEC EXPO/FLAMM LIM
Protective Gloves: PROL/REP EXPO IMPERV GLOVES.
Eye Protection: NOT REQUIRED UNDER NORMAL CONDITIONS.
Other Protective Equipment: SPLASH:PLASTIC FACESHIELD/SPLASH-PROOF SAF
GOGG.IMPERV CLOTH(BOOTS,APRONS,ETC).HOT MATL:INSULATED PROT CLOTH.
Work Hygienic Practices: LAUNDER SOILED CLOTH.PROPERLY DISPO OF CONTAMIN
LEATHER ARTICLES INCLUDING SHOES WHICH CAN'T BE DECONTAMIN.
Supplemental Safety and Health: HEALTH HAZ:PREVENT AEROSOLIZATON/MISTING OF
PRODUCT.INGEST:RELATIVELY NON-TOXIC UNLESS ASPIRATION OCCURS LEADING TO
CHEM PNEUMONITIS,FATAL.GI DISCOMFORT.LAXATIVE PROPERTIES,ABD
CRAMPS,DIARR.CHRONIC:LUNG INFLAMM.

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Physical/Chemical Properties
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HCC: N1
B.P. Text: 500F,260C
M.P/F.P Text: NO DATA
Vapor Density: NO DATA
Spec Gravity: 0.9800
Evaporation Rate & Reference: NO DATA
Solubility in Water: NO DATA.
Appearance and Odor: CLEAR, BRIGHT YELLOW LIQUID, TYPICAL PETROLEUM ODOR.

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: NONE.
Materials To Avoid: MAY REACT WITH STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products: DENSE SMOKE MAY BE GENERATED WHILE
BURNING.CO, CO2 AND OTHER OXIDES MAY BE GENERATED AS COMBUSTION PRODUCTS.

Hazardous Polymerization Indicator: NO

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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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Transportation Information
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Responsible Party Cage: 01326
Trans ID NO: 82302
Product ID: TRANSFORMER OIL
MSDS Prepared Date: 11/11/1994
Review Date: 12/03/1996
MFN: 1
Net Unit Weight: 40.9 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 5 GAL
Type Of Container: CAN

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label
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Product ID: TRANSFORMER OIL
Cage: 01326
Company Name: PENNZOIL CO

Street: 700 MILIAM PENNZOIL PL
PO Box: 2967
City: HOUSTON TX
Zipcode: 77002
Health Emergency Phone: 800-546-6040
Label Required IND: Y
Date Of Label Review: 12/03/1996
Status Code: C
Label Date: 12/03/1996
Year Procured: 1995
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: BASED ON TESTING OF SIMILAR PROD &/OR
COMPONENTS:EYE:PRACTICALLY NON-IRRIT.SKIN:SLIGHT IRRIT.PROL/REP CONTACT MAY
RESULT IN CONTACT DERM MAKING IT MORE SUSCEPTIBLE TO OTHER
IRRIT,SENS,DESEASE.PROL/REP CONTACT MAY RESULT IN OIL ACNE.INHAL:NO T
EXPECTED TO PRESENT HAZ @AMB CONDITIONS DUE TO LOW VAP
PRESSURE.INGEST:ASPIRATION HAZ LEADS TO CHEM PNEUMONITIS,PULM
EDEMA,HEMORRHAGE,FATAL.1ST AID:EYE:IMMED FLUSH W/LOTS OF WATER TIL IRRIT
SUBSIDES.MATL HOT TREAT FOR THERMAL BURNS.TAKE TO HOSP IMMED.SKIN:REMOVE
CONTAMIN CLOTH.RED/IRRIT OCCUR GET MED ATTN.MATL HOT SUBMERGE IN COLD
WATER.INGEST:DO NOT INDUCE VOMIT DUE TO ASPIRATION HAZ.SEEK MED ATTN IMMED.

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