

PENNZOIL CO

-- PENZOIL MILTI-PURPOSE GEAR LUBRICANT

MSDS Safety Information

FSC: 9150

MSDS Date: 01/22/1993

MSDS Num: BVRJX

LIIN: 00F015287

Product ID: PENZOIL MILTI-PURPOSE GEAR LUBRICANT 4096

MFN: 02

Responsible Party

Cage: 01326

Name: PENNZOIL CO

Address: 700 MILIAM

Box: 2967

City: HOUSTON TX 77252-2967

Info Phone Number: 713-546-4000

Emergency Phone Number: 713-546-4000/713-236-6070

Review Ind: Y

Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: 01326

Name: PENNZOIL CO

Address: 700 MILIAM PENNZOIL PL

Box: 2967

City: HOUSTON TX 77252-2967

Contractor Summary

Cage: 01326

Name: PENNZOIL CO

Address: 700 MILIAM PENNZOIL PL

Box: 2967

City: HOUSTON TX 77252-2967

Phone: 800-546-6227

Ingredients

Name: POUR POINT DEPRESSANT

% Wt: <5

Name: FRICTION MODIFIERS

% Wt: <5

Name: ANTIFOAM AGENTS (TYPE UNIDENTIFIED)

% Wt: <0.01

Name: DETERGENT/INHIBITOR SYSTEM

% Wt: <5

Name: BASE LUBRICATING OIL MIXTURE

% Wt: 85-95

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Health Hazards Data

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Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES: PRACTICALLY NON-IRRITATING. SKIN: SLIGHT IR
PROLONGED/REPEATED CONTACT MAY RESULT IN DERMATITIS. INGESTION: RELA
NON-TOXIC. PROLONGED/REPEATED EXPOSURE TO OIL MIST POSES A RISK OF
DISEASE SUCH AS CHRONIC LUNGINFLAMMATION.

Explanation Of Carcinogenicity: NONE

Signs And Symptions Of Overexposure: DRYNESS, CHAPPING, REDDENING, IRR
OIL ACNE, BLACKHEADS, SECONDARY INFECTION, LAXATIVE PROPERTIES, ABDO
CRAMPS, DIARRHEA, SHORTNESS OF BREATH, COUGH.

First Aid: EYES: FLUSH W/LARGE AMOUNTS OF WATER & CONTINUE FLUSHING. I
MATERIAL IS HOT, TREAT FOR THERMAL BURNS. SKIN: WASH AREA THOROUGHLY
& WATER. IF MATERIAL IS HOT, SUBMERGE AREA IN COLD WATER. INGES TION
DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Handling and Disposal

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Spill Release Procedures: CONTAIN IMMEDIATELY. DON'T ALLOW TO ENTER
SEWERS/WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. ABSORB W/APPROP
INERT MATERIAL. LARGE: PICK UP USING VACUUM PUMPS, SHOVELS, BUCKETS/
MEANS & PL ACE IN DRUMS/OTHER SUITABLE CONTAINERS.

Waste Disposal Methods: IF REGULATED SOLVENTS ARE USED TO CLEAN UP SPI
MATERIAL THE WASTE MUST BE REGULATED. DISPOSE OF IAW/LOCAL, STATE &
FEDERAL REGULATIONS. LANDFILL/INCINERATE IN AN APPROVED FACILITY. MA
SHOUL D BE RECYCLED IF POSSIBLE.

Handling And Storage Precautions: DON'T TRANSFER TO UNMARKED CONTAINER
IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME/OXIDIZING MA

Other Precautions: AVOID SKIN CONTACT & AEROSOLIZATION/MISTING OF PROD

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Fire and Explosion Hazard Information

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Flash Point Method: COC

Flash Point Text: >388F

Extinguishing Media: DRY CHEMICAL, FOAM/CO2

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE BUT CAN BE USED TO
CONTAINERS. CAUTION SHOULD BE EXERCISED WHEN USING WATER/FOAM, FROTH
OCCUR.

Unusual Fire/Explosion Hazard: DENSE SMOKE MAY BE GENERATED WHILE BURN
AUTOIGNITION TEMP = >800F.

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Control Measures
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Respiratory Protection: NOT REQUIRED UNDER NORMAL USE. IF VAPOR/MIST IS GENERATED WHEN MATERIAL IS HEATED/HANDLED, USE AN ORGANIC VAPOR RESP W/A DUST & MIST FILTER. ALL RESPIRATORS MUST BE NIOSH CERTIFIED. DON USE COMPRESSED OXYGEN IN HYDROCARBON AREA.

Ventilation: IF VAPOR/MIST IS GENERATED WHEN THE MATERIAL IS HEATED/HANDLED, ADEQUATE VENTILATION W/GOOD ENGINEERING.

Protective Gloves: IMPERVIOUS

Eye Protection: PLASTIC FACE SHIELD

Other Protective Equipment: SPLASH-PROOF SAFETY GOGGLES, IMPERVIOUS BOOTS, APRONS, INSULATED PROTECTIVE CLOTHING IF HANDLING HOT MATERIAL.

Work Hygienic Practices: REMOVE/LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF LEATHER ARTICLES, WHICH CAN'T BE DECONTAMINATED.

Supplemental Safety and Health: CONSUMPTION OF FOOD & BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS W/SOAP & WATER BEFORE EATING, DRINKING/SMOKING. PRODUCT IS SOLUBLE IN HYDROCARBONS. FIRE EXTINGUISHERS SHOULD BE KEPT READILY AVAILABLE.

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Physical/Chemical Properties
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B.P. Text: >800F

M.P/F.P Text: -10F

Spec Gravity: 0.8995

Appearance and Odor: CLEAR, DARK RED W/TYPICAL GEAR OIL.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CO, CO2 & OTHER OXIDES

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE

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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: PENZOIL MILTI-PURPOSE GEAR LUBRICANT 4096

Cage: 01326

Company Name: PENNZOIL CO

Street: 700 MILIAM PENNZOIL PL

PO Box: 2967

City: HOUSTON TX

Zipcode: 77252-2967

Health Emergency Phone: 713-546-4000/713-236-6070

Label Required IND: Y

Date Of Label Review: 09/14/1994

Status Code: C

Label Date: 09/14/1994

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: EYES: PRACTICALLY NON-IRRITATING. SKIN: SLIGHT IRRITATION. PROLONGED/REPEATED CONTACT MAY RESULT IN DERMATITIS. ING RELATIVELY NON-TOXIC. PROLONGED/REPEATED EXPOSURE TO OIL MIST POSES PULMONARY DISEASE SUCH AS CHRONIC LUNGINFLAMMATION. TARGET ORGANS: INOGENS: 2,4-TOLUENE DIISOCYANATE & SILICON DIOXIDE.

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