

EQUILON ENTERPRISES, LLC -- 01831, POWER STEERING FLUID (SEE SUPPL)
-- 9150-01-087-2234

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MSDS Safety Information
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FSC: 9150
NIIN: 01-087-2234
MSDS Date: 10/30/2000
MSDS Num: CLFJW
Tech Review: 06/19/2001
Product ID: 01831, POWER STEERING FLUID (SEE SUPPL)
Responsible Party
Cage: UO272
Name: EQUILON ENTERPRISES, LLC
Box: 4453
City: HOUSTON TX 77210-4453 US
Info Phone Number: 877-276-7285
Emergency Phone Number: 877-276-7283
Resp. Party Other MSDS No.: 01831ET-4

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Item Description Information
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Item Manager: S9G
Item Name: HYDRAULIC FLUID,POWER STEERING
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: QT
UI Container Qty: G
Type of Container: CONTAINER

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL, RAT) > 5,000 MG/KG
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: INHALATION: VAPORS (GENERATED AT HIGH
TEMPERATURES
ONLY)/OIL MIST MAY CAUSE MILD IRRITATION OF NOSE, THROAT,
RESPIRATORY

TRACT. EYES/SKIN: LUBRICATING OILS ARE GENERALLY CONSIDERED NO MORE THAN

MINIMALLY IRRITATING TO THE EYES OR SKIN. PROLONGED AND REPEATED SKIN

CONTACT MAY RESULT IN DEFATTING AND DRYING OF SKIN THAT MAY CAUSE

VARIOUS DISORDERS SUCH AS DERMATITIS, FOLLOCULITIS/OIL ACNE. RELEASE OF

MATERIAL DURING HIGH-PRESSURE APPLICATIONS MAY RESULT IN INJECTION UNDER

SKIN CAUSING EXTENSIVE TISSUE DAMAGE. INGESTION: LUBRICATING OILS ARE

GENERALLY CONSIDERED NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION AS NOTED ABOVE. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW

HOURS FOLLOWING INJECTION.

Medical Cond Aggravated By Exposure: PRE-EXISTING EYE, SKIN AND

RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid: INHALATION: MOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED

CLOTHING AND WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER, THEN WASH WITH

SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. IF

MATERIAL IS INJECTED UNDER SKIN, TRANSPORT TO NEAREST MEDICAL FACILITY

FOR ADDITIONAL TREATMENT. EYE: FLUSH WITH WATER. IF IRRITATION OCCURS,

GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO

TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES ARE INGESTED. HOWEVER, GET MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedures: SPILL MANAGEMENT: FOR LARGE SPILLS: REMOVE WITH

VACUUM TRUCK OR PUMP TO STORAGE/SALVAGE VESSELS. FOR SMALL SPILLS: SOAK

UP RESIDUE WITH AN ABORBENT SUCH AS CLAY, SAND OR OTHER
SUITABLE
MATERIAL. PLACE IN NON-LEAKING CONTAINER AND SEAL TIGHTLY
FOR PROPER
DISPOSAL.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: RCRA INFORMATION: UNDER RCRA, IT IS THE
RESPONSIBILITY OF THE USER OF THE MATERIAL TO DETERMINE, AT
THE TIME OF

THE DISPOSAL, WHETHER THE MATERIAL MEETS RCRA CRITERIA FOR
HAZARDOUS

WASTE. THIS IS BEC AUSE MATERIAL USES, TRANSFORMATIONS,
MIXTURES,

PROCESSES, ETC. MAY AFFECT THE CLASSIFICATION.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE WITH
ADEQUATE

VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH
TEMPERATURES. AVOID

HEAT, OPEN FLAMES, INCLUDING PILOT LIGHTS AND STRONG OXIDIZING
AGENTS.

KEEP CONTAINERS CLO SED WHEN NOT IN USE. CONTAINERS, EVEN
THOSE THAT

HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE VAPORS.

Other Precautions: WASH WITH SOAP AND WATER BEFORE EATING,
DRINKING,

SMOKING, APPLYING COSMETICS OR USING TOILET FACILITIES.

LAUNDER

CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF
LEATHER ARTICLES

SUCH AS SHOES OR BELTS THAT CANNOT BE DECONTAMINATED.

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Fire and Explosion Hazard Information

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Flash Point Method: COC

Flash Point: =179.4C, 355.F

Extinguishing Media: MATERIAL WILL FLOAT AND CAN BE RE-IGNITED ON
SURFACE

OF WATER. USE WATER FOG, ALCOHOL FOAM, DRY CHEMICAL OR
CARBON

DIOXIDE(CO2) TO EXTINGUISH FLAMES.

Fire Fighting Procedures: MATERIAL WILL NOT BURN UNLESS PREHEATED.
CLEAR

FIRE AREA OF ALL NON-EMERGENCY PERSONNEL. ONLY ENTER
CONFINED FIRE SPACE

WITH FULL GEAR, INCLUDING A POSITIVE PRESSURE, NIOSH-APPROVED,

SELF-CONTAINED BREATHING APPARATUS. COOL SURROUNDING EQUIPMENT,
FIRE-EXPOSED CONTAINERS AND STRUCTURES WITH WATER.
Unusual Fire/Explosion Hazard: NOT PROVIDED

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Control Measures
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Respiratory Protection: IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE

CONCENTRATIONS TO A LEVEL WHICH IS ADEQUATE TO PROTECT WORKER HEALTH, AN

APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR SELECTION, USE AND

MAINTENANCE SHOULD BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE OSHA

RESPIRATORY PROTECTION STANDARD, 29 CFR 1910.134.

Ventilation: ADEQUATE VENTILATION TO CONTROL AIRBORNE CONCENTRATIONS BELOW

THE EXPOSURE GUIDELINES/LIMITS

Protective Gloves: NEOPRENE OR NITRILE RUBBER

Eye Protection: CHEMICAL GOGGLES, OR SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment: USE PROTECTIVE CLOTHING WHICH IS CHEMICALLY

RESISTANT TO THIS MATERIAL. SELECTION OF PROTECTIVE CLOTHING DEPENDS ON

POTENTIAL EXPOSURE CONDITIONS AND MAY INCLUDE GLOVES, BOOTS, SUITS AND

OTHER ITEMS.

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health: PART NUMBER FOR CONTRACTOR, CSD, INC.

15216. ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =

UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED.

N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI =

GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

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Physical/Chemical Properties
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HCC: V6

NRC/State LIC No: NOT RELEVANT

B.P. Text: NOT PROVIDED

Melt/Freeze Pt: -42.6C, -45.F

Decomp Text: NOT PROVIDED

Vapor Pres: NOT PROVIDED

Spec Gravity: 0.8676

Viscosity: 36.72CST-39.5CST@40C

Evaporation Rate & Reference: NOT PROVIDED

Solubility in Water: NOT PROVIDED

Appearance and Odor: PALE, CLEAR LIQUID MILD HYDROCARBON ODOR

Percent Volatiles by Volume: NOT PROVIDED

Corrosion Rate: NOT PROVIDED

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID HEAT AND OPEN FLAMES

Materials To Avoid: AVOID CONTACT WITH STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: A COMPLEX MIXTURE OF AIRBORNE SOLID,
LIQUID PARTICULATES, GASES EVOLVE. ALDEHYDES, CARBON
MONOXIDE AND

DIOXIDE, HYDROGEN SULFIDE, KETONES, UNIDENTIFIED ORGANIC
COMPOUNDS MAY

BE FORMED UPON COMBUSTION.

Conditions To Avoid Polymerization: NOT PROVIDED

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Toxicological Information
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Toxicological Information: DERMAL LD50 > 2 G/KG (RABBIT).

OSHA: NON-TOXIC. EYE IRRITATION DRAIZE: 0.67/110 (RABBIT, 24 HOURS)

OSHA: NON-IRRITATING. LD50 (ORAL, RAT) > 5,000 MG/KG;

OSHA: NON-TOXIC. SKIN IRRITATION DRAIZE: 0.27/8 .0 (RABBIT, 24 HOURS)

OSHA: NON-IRRITATING.

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Ecological Information
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Ecological: ENVIRONMENTAL IMPACT SUMMARY: THERE IS NO
ECOLOGICAL DATA

AVAILABLE FOR THIS PRODUCT. HOWEVER, THIS PRODUCT IS AN OIL. IT
IS

PERSISTENT AND DOES NOT READILY BIODEGRADE. HOWEVER, IT DOES
NOT

BIOACCUMULATE.

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MSDS Transport Information
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Transport Information: US DEPARTMENT OF TRANSPORTATION
CLASSIFICATION:

THIS MATERIAL IS NOT SUBJECT TO DOT REGULATIONS UNDER 49 CFR
PARTS

171-180. MARINE POLLUTANT. FOR DOT EXCEPTIONS SEE 49 CFR
172.203(I)(3)
AND 171.4 (C). THIS PRODUCT IS AN OIL UNDER 49 CFR (DOT) PART 130. IF
SHIPPED BY RAIL OR HIGHWAY IN A TANK WITH A CAPACITY OF 3,500
GALLONS OR
MORE, IT IS SUBJECT TO THE REQUIREMENTS OF PART 130. MIXTURE
SOLUTIONS
IN WHICH THIS PRODUCT IS PRESENT AT 10% OR MORE MAY ALSO BE
SUBJECT TO
THIS RULE.

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Regulatory Information
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Sara Title III Information: SECTION 302: NONE. SECTION 313: NONE.
SECTION 311/312 HAZARD CLASS-40CFR370.2: IMMEDIATE HEALTH: NO.
DELAYED
HEALTH: NO. FIRE: NO. REACTIVITY: NO.
Federal Regulatory Information: ALL COMPONENTS OF THIS MATERIAL ARE ON
THE
EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.
State Regulatory Information: CONTACT YOUR AGENCY IN YOUR STATE.

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Other Information
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Other Information: NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS
UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I.E.
MOST OILS
AND GREASES.

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Transportation Information
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Responsible Party Cage: UO272
Trans ID NO: 157540
Product ID: 01831, POWER STEERING FLUID (SEE SUPPL)
MSDS Prepared Date: 10/30/2000
Review Date: 06/19/2001
Article W/O MSDS: N
Net Unit Weight: 1.8 LBS
Limited Quantity IND: N
Multiple KIT Number: 0
Review IND: N
Unit Of Issue: QT
Container QTY: G
Type Of Container: CONTAINER
Additional Data: NOT REGULATED FOR TRANSPORTATION, PER MSDS.

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Detail DOT Information

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DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF
TRANSPORTATION
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Detail IMO Information

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IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF
TRANSPORTATION
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Detail IATA Information

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IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF
TRANSPORTATION
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Detail AFI Information

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AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF
TRANSPORTATION
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HAZCOM Label

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Product ID: 01831, POWER STEERING FLUID (SEE SUPPL)

Cage: UO272

Company Name: EQUILON ENTERPRISES, LLC

PO Box: 4453

City: HOUSTON TX

Zipcode: 77210-4453 US

Health Emergency Phone: 877-276-7283

Date Of Label Review: 06/19/2001

MFG Label NO: NOT PROVIDED

Year Procured: 2001

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: NOT PROVIDED. MAY CAUSE EYE
IRRITATION. AVOID CONTACT. IF SWALLOWED, DO NOT INDUCE
VOMITING. IN CASE

OF EYE CONTACT, FLUSH WITH WATER. FOR SKIN, WASH WITH SOAP AND
WATER.

KEEP AWAY FROM CHILDREN. READ MSDS FOR FURTHER INFORMATION.

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Disclaimer (provided with this information by the compiling agencies):

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