

EQUILON ENTERPRISES, LLC -- 01831, POWER STEERING FLUID (SEE SUPPL)

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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
Product ID: 01831, POWER STEERING FLUID (SEE SUPPL)
MFN: 01
Responsible Party
Cage: UO272
Name: EQUILON ENTERPRISES, LLC
Box: 4453
City: HOUSTON TX 7721
0-4453
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, FOLLICULITIS/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.

Ex

planation 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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Ha

ndling 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 ABSORBENT 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 BECAUSE 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 CLOSED WHEN NOT IN USE. CONTAINERS SHOULD BE KEPT AWAY FROM

INERS, 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. LAUNDRER 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 Po

int 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 BR
EATHING APPARATUS. COOL SURROUNDING EQUIPMENT, F
IRE-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, SU
ITS 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 CLASSIF

ICATION: 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 Code: UO272
Trans ID NO: 157540
Product ID: 01831, POWER STEERING FLUID (SEE SUPPL)
MSDS Prepared Date: 10/30/2000
Review Date: 06/19/2001
MFN: 1
Net Unit Weight: 1.8 LBS
Multiple KIT Number: 0
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 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: 01831, POWER STEERING FLUID (SEE SUPPL)

Cage: UO272

Assigned IND: Y

Company Name: EQUILON ENTERPRISES, LLC

PO Box: 4453

City: HOUSTON TX

Zipcode: 77210-4453

Health Emergency Phone: 877-276-7283

Label Required IND: Y

Date Of Label Revi

ew: 06/19/2001

Status Code: A

MFG Label NO: NOT PROVIDED

Year Procured: 2001

Origination Code: F

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. K

KEEP AWAY FROM
CHILDREN. READ MSDS FOR FURTHER INFORMATION.

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