

LUBRICATING SYSTEMS, INC. -- #85-475 NAPA QUALITY TRACTOR HYDRAULIC FLUID

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MSDS Safety Information  
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FSC: 9150

MSDS Date: 10/02/1991

MSDS Num: CDFYJ

LIIN: 00D020292

Product ID: #85-475 NAPA QUALITY TRACTOR HYDRAULIC FLUID (LU- 210000)

MFN: 01

Responsible Party

Cage: LUBRI

Name: LUBRICATING SYSTEMS, INC.

Address: 22025-70TH AVE. SOUTH

City: KENT WA 98032

Info Phone Number: 206-395-7171

Emergency Phone Number: 206-395-7171

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: LUBRI

Name: LUBRICATING SYSTEMS, INC.

Address: 22025-70TH AVE. SOUTH

City: KENT WA 98032

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Contractor Summary  
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Cage: 70842

Name: BALKAMP INC

Address: 2601 S HOLT ROAD

City: INDIANAPOLIS IN 46241

Phone: 317-244-7241

Cage: LUBRI

Name: LUBRICATING SYSTEMS, INC.

Address: 22025-70TH AVE. SOUTH

City: KENT WA 98032

Phone: (206) 395-7171

Cage: 050Q3

Name: NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address: ONE LINCOLN WAY

City: ST. LOUIS MO 63120-1578

Phone: 414-255-5520

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Ingredients  
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Name: ADDITIVE PACKAGE CONTAINING ZINC, SULFUR, CALCIUM, PHOSPHOROUS

% Wt: UNKNOWN

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Name: OTHER MINOR CHEMICAL COMPONENTS

% Wt: UNKNOWN

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Name: SOLVENT REFINED, HYDROTREATED DISTILLATE

% Wt: UNKNOWN

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: TLV-5 MG/M3 (OIL MIST)

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INGESTION IS NO MORE THAN SLIGHTLY TOXIC. INHALATION OF VAPORS/MIST MAY CAUSE MILD UPPER RESPIRATORY TRACT IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR ACNE.

Explanation Of Carcinogenicity: IARC HAS DETERMINED THRU ANIMAL RESEARCH THAT

USED CRANKCASE OILS SHOW SUFFICIENT EVIDENCE OF CARCINOGENICITY.  
Signs And Symptoms Of Overexposure: EYES-IRRITATION. SKIN-IRRITATION,  
DERMATITIS, FOLLICULITIS, OIL ACNE. INHALED-UPPER RESPIRATORY IRRITATION.  
INGESTED-NONE NOTED.

Medical Cond Aggravated By Exposure: PREEXISTING SKIN & RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid: IN ALL CASES GET MEDICAL ATTENTION. EYES- FLUSH WITH WATER FOR 15  
MINUTES, LIFT LIDS. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP  
& WATER. INHALED-REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL  
RESPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING. USUALLY NO TREATMENT  
NEEDED UNLESS LARGE QUANTITIES INGESTED. HOWEVER, GET MEDICAL ATTENTION.

#### Handling and Disposal

Spill Release Procedures: TAKE CAUTION IF SPILL LARGE-MAY BURN ALTHOUGH NOT  
READILY IGNITABLE. WEAR PROPER PERSONAL PROTECTIVE GEAR. SHUT OFF LEAK. DIKE  
& CONTAIN IF NEEDED. SOAK UP WITH INERT MATERIAL OR PUMP TO STORAGE CONTAINER/  
VESSEL. FLUSH AREA WITH WATER TO REMOVE TRACE

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE  
WITH LOCAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE WITH ADEQUATE  
VENTILATION. KEEP AWAY FROM OPEN FLAMES, HIGH TEMPERATURES, STRONG OXIDIZING  
AGENTS.

Other Precautions: THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF  
THE CLEAN WATER ACT. SPILLS ENTERING SURFACE WATERS, WATER COURSES OR SEWERS  
LEADING TO SURFACE WATERS THAT CAN CAUSE A SHEEN MUST BE REPORTED TO LOCAL  
US EPA OFFICE.

#### Fire and Explosion Hazard Information

Flash Point Method: PMCC

Flash Point Text: 330F, 166C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM. DO NOT USE  
DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & REIGNITE.

Fire Fighting Procedures: MATERIAL WILL NOT BURN UNLESS PREHEATED. WEAR  
SELF-CONTAINED BREATHING APPARATUS & FULL FIRE FIGHTER'S PROTECTIVE GEAR.  
USE WATER TO COOL FIRE EXPOSED CONTAINERS

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

#### Control Measures

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN  
EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR  
CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR  
1910.134.

Ventilation: NONE SPECIFIED BY MFR. DLA-: USE ADEQUATE MECHANICAL VENTILATION OR  
LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL.

Protective Gloves: CHEMICAL RESISTANT-NITRILE.

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: OTHER PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE  
SKIN CONTACT. DLA-: EYE WASH, WASHING FACILITIES.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING,  
OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health: NOTE TO PHYSICIANS: IN GENERAL, EMESIS  
INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS; IE, MOST  
OILS & GREASES.

#### Physical/Chemical Properties

HCC: V6

B.P. Text: UNKNOWN

M.P/F.P Text: -25F, -32C

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Spec Gravity: API-29.0

Viscosity: UNKNOWN

Evaporation Rate & Reference: NOT AVAILABLE

Solubility in Water: NEGLIGIBLE

Appearance and Odor: YELLOW-BROWN LIQUID; SLIGHT HYDROCARBON ODOR.

Corrosion Rate: UNKNOWN

#### Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: AVOID HEAT, OPEN FLAMES & OXIDIZING MATERIALS.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT

ON THE COMBUSTION CONDITIONS-MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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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: LUBRI

Trans ID NO: 8250

Product ID: #85-475 NAPA QUALITY TRACTOR HYDRAULIC FLUID (LU- 210000)

MSDS Prepared Date: 10/02/1991

Review Date: 08/12/1997

MFN: 1

Tech Entry NOS Shipping Nm: NONE

Net Unit Weight: ADD DATA

Multiple KIT Number: 0

Review IND: Y

Additional Data: SUPERVISOR ORDERED NET WEIGHT ON \*ALL\* MSDS'S. THIS COULD NOT BE DONE SINCE NO SIZE IS SPECIFIED FOR NON-NSN ITEMS.

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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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Company Name: LUBRICATING SYSTEMS, INC.

Street: 22025-70TH AVE. SOUTH

City: KENT WA

Zipcode: 98032

Health Emergency Phone: 206-395-7171

Label Required IND: Y

Date Of Label Review: 08/12/1997

Status Code: C

MFG Label NO: NONE

Label Date: 08/12/1997

Year Procured: 1997

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: INGESTION IS NO MORE THAN SLIGHTLY TOXIC. INHALATION OF VAPORS/MIST MAY CAUSE MILD UPPER RESPIRATORY TRACT IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR ACNE. STORE IN A

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