



Material Safety Data Sheet

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lucas Power Steering Fluid

Product Description: Base Oil and Additives

Product Number: 10823, 10824

Intended Use: Power Steering Fluid

COMPANY IDENTIFICATION

Supplier: Lucas Oil Products Inc.

302 North Sheridan St.

Corona, ca. 92880 USA

Phone #: 1 (800) 342-2512

SECTION 2

COMPOSITION / INFORMATION ON INGREDIENTS

No Reportable Hazardous Substance(s) or Complex Substance(s).

Name	CAS#	Concentration*
Naphthenic Petroleum Oil	64741-96-4, 64742-52-5	<10%
Distillate solvent de-waxed heavy paraffinic	64742-65-0	<90%

SECTION 3

HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines.

POTENTIAL HEALTH EFFECTS

Low order of toxicity. Excessive exposure may result in eye, skin, or respiratory irritation.

NFPA Hazard ID: Health: 1 Flammability: 1 Reactivity: 0

HMIS Hazard ID: Health: 1 Flammability: 1 Reactivity: 0

SECTION 4

FIRST AID MEASURES

INHALATION

Remove exposed person to fresh air. If respiratory symptoms develop seek medical attention.

SKIN CONTACT

Wash skin with mild soap and water for 15 minutes while removing contaminated clothing

EYE CONTACT

Flush thoroughly with water for at least 15 minutes. If irritation occurs, seek medical attention.

INGESTION

Do not induce vomiting. If conscious give milk or water and seek medical attention.

SECTION 5

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use dry chemical, carbon dioxide, halon, or foam to extinguish flames.

Inappropriate Extinguishing Media: Straight streams of water.

FLAMMABILITY PROPERTIES

Flash Point: >400°F

SECTION 6

ACCIDENTAL RELEASE MEASURES

SPILL MANAGEMENT

Land Spill: Stop source of ignition. Prevent additional discharge of material, if possible to do so safely. Contain and/or clean up with sand or earth on land.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways drains or sewers.

SECTION 7

HANDLING AND STORAGE

HANDLING

Keep container tightly closed. Eating, drinking and smoking should be prohibited in areas where this material is handled. Wash hands and face before eating.

STORAGE

Store in a cool well ventilated place, away from heat and/or incompatible materials.

SECTION 8

EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

No special requirements under ordinary conditions of use and with adequate ventilation.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection:

No special requirements under ordinary conditions of use and with adequate ventilation.

Hand Protection:

No protection is ordinarily required under normal conditions of use.

Eye Protection: If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection:

No skin protection is ordinarily required under normal conditions of use.

Ingredient

Exposure Limits

Naphthenic Oil

ACGIH TLV (TWA: 5 mg/m³ 8 hours) – United States

Canada (Ingredient)

TWA: 5 mg/m³ 8 hours, STEL: 10 mg/m³ 8 hours

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Physical State: Liquid

Color: Light Amber

Odor: Characteristic petroleum

Density: 7.26 pounds/gallon

Flash Point: 450°F

Autoignition Temperature: N/D

Boiling Point: >500°F

pH: N/D

Solubility in Water: Negligible @ 25°C

Viscosity cSt at 100°C: Greater than or equal to: 8.9

SECTION 10

STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

SECTION 11	TOXICOLOGICAL INFORMATION
------------	---------------------------

Acute Toxicity:

Product/Ingredient Name	Result	Species	Dosage
Naphthenic Oil	LD 50 Dermal	Rabbit	>2000 mg/kg
	LD 50 Oral	Rat	>5000 mg/kg

Carcinogenicity, Mutagenicity, Teratogenicity and Reproductive Toxicity: No data

No known significant effects or critical hazards.

SECTION 12	ECOLOGICAL INFORMATION
------------	------------------------

Aquatic Ecotoxicity: None. Not readily biodegradable

SECTION 13	DISPOSAL CONSIDERATIONS
------------	-------------------------

Disposal must be in accordance with current applicable regional and local laws and regulations.

SECTION 14	TRANSPORT INFORMATION
------------	-----------------------

DOT: Not Regulated

TDG: Not Regulated

Mexico: Not Regulated

ADR/RID Class: Not Regulated

IMDG: Not Regulated

IATA-DGR Class: Not Regulated

SECTION 15	REGULATORY INFORMATION
------------	------------------------

OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this material is not classified as hazardous.

HCS Classification: Not Regulated

TSCA 8(a) PAIR: Not determined

TSCA 8(a) IUR Exempt/Partial exemption: Not determined

U.S. TSCA: All components listed

SARA 302/304/311/312: No products found

Clean Water Act: (CWA) 307: Not Regulated

CERCLA RQ -40 CFR 302.4: None

Name	CAS#	Concentration*
Naphthenic Petroleum Oil	64741-96-4, 64742-52-5	<10%
Distillate solvent de-waxed heavy paraffinic	64742-65-0	<90%

SECTION 16

OTHER INFORMATION

N/D

Original Date: 1-7-13 Updated: New

We believe the statements, technical information, and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.