Material Safety Data Sheet

SECTION 1	PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lucas SAE 80W-90 Gear Oil

Product Description: Base Oil and Additives
Product Number: 10043, 10046, 10066, 10067, 10069
Intended Use: Lubricating Oil

COMPANY IDENTIFICATION
Supplier: Lucas Oil Products Inc. Phone #: 1 (800) 342-2512
302 North Sheridan St.
Corona, ca. 92880 USA

SECTION 2	COMPOSITION / INFORMATION ON INGREDIENTS

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

Name	CAS#	Concentration*
Residual Oil, Petroleum Solvent Refined	64742014	<50%

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: 415°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**
Residual 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: Clear Amber
Odor: Characteristic petroleum Plus sulphur additives
Density: 7.529 pounds/gallon
Flash Point: 415°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: 15.0

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**

Residual Oil	LD 50 Dermal	Rabbit	>2000 mg/kg
	LD 50 Oral	Rat	>5000 mg/kg

Carcinogenicity, Mutagenicity, Teratogenicity and Reproductive Toxicit

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Ecotoxicity: None. Not readily biodegradable

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal must be in accordance with current applicable regional, national 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

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SECTION 16	OTHER INFORMATION

N/D

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