



# Material Safety Data Sheet

## SECTION 1

## PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Lucas Synthetic 0W-5 Racing Only

**Product Description:** Base Oil and Additives

**Product Number:** 10281, 10283, 10285, 10370, 10601

**Intended Use:** Engine Oil

### 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 #	EC #	Conc
1 Decene Homopolymer, Hydrogenated	68037-01-4	500-183-1	65-70%
Chlorinated Paraffin	63449-39-8	N/A	<6%

## 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

**HMS 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:** >315°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.

**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

PAO

ACGIH TLV (TWA: 5 mg/m<sup>3</sup> 8 hours) – United States

### Canada (Ingredient)

TWA: 5 mg/m<sup>3</sup> 8 hours, STEL: 10 mg/m<sup>3</sup> 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:** 6.985 pounds/gallon

**Flash Point:** 315°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: 3.5

## 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:**

<b>Product/Ingredient Name</b>	<b>Result</b>	<b>Species</b>	<b>Dosage</b>
PAO	LD 50 Dermal	Rabbit	>5g/kg
	LD 50 Oral	Rat	>5 g/kg
	LD 50 Inhalation	Rat	> 5mg/Liter

**Carcinogenicity, Mutagenicity, Teratogenicity and Reproductive Toxicity:** No data

No known significant effects or critical hazards.

**SECTION 12****ECOLOGICAL INFORMATION**

Not readily biodegradable. Unlikely to have any ecotoxic or environmental toxic effect

**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 302/304/311/312/313: SARA 313 (Zinc Compounds)

Clean Water Act: (CWA) 307: Not Regulated

CERCLA RQ – 40 CFR 302.4: None

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<b>SECTION 16</b>	<b>OTHER INFORMATION</b>
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N/D

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