



Safety Data Sheet

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lucas Semi-Synthetic Extreme Duty Marine Engine Oil SAE 20W-50

Product Description: Base Oil and Additives

Product Number: 10654, 10811

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#	Concentration*
1 Decene Homopolymer, Hydrogenated	68037-01-4	5-10%
Distillate, Severely Hydrotreated Heavy Paraffinic	64742-54-7	60-70%

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.

EYE CONTACT

Flush thoroughly with water. 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 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.

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 light green

Odor: Characteristic petroleum

Density: 7.32 pounds/gallon

Flash Point: 420°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: 20.5

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**

N/D

SECTION 12**ECOLOGICAL INFORMATION**

N/D

SECTION 13**DISPOSAL CONSIDERATIONS**

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

SECTION 14**TRANSPORT INFORMATION**

DOT : Not Regulated

SECTION 15**REGULATORY INFORMATION**

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

Chemical Name	CAS Number	Typical Value
N/A		

SECTION 16**OTHER INFORMATION**

N/D

Original Date: 3-10-2011 **Updated:** 7/10/2012

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