L10 Racing Gear Oil 5 wt

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 3/11/2025 Revision date: 6/2/2026 Supersedes: 3/15/2026 Version: 2.1

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : L10 Racing Gear Oil 5 wt
Part Number : 10462

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Lubricating oil

1.4. Supplier's details

Lucas Oil Products, Inc.
3199 Harrison Way NW
Corydon, IN 47112
USA
T 800-342-2512
sds@lucasoil.com - www.LucasOil.com

1.5. Emergency phone number

Emergency number : For Chemical Emergency Call ChemTel 24hr/day 7days/week. Within USA, Canada, Puerto Rico & US Virgin Islands: 1-800-255-3924. International: 1-813-248-0585 (collect calls accepted). Australia: 1-300-954-583. Brazil: 0-800-591-6042. China: 400-120-0751. India: 000-800-100-4086. Mexico: 800-099-0731.

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (inhalation:dust,mist), Category 4	H332	Harmful if inhaled.
Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment — Acute Hazard, Category 3	H402	Harmful to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 4	H413	May cause long lasting harmful effects to aquatic life.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger
Hazard statements (GHS US) : H304 - May be fatal if swallowed and enters airways
H332 - Harmful if inhaled
H402 - Harmful to aquatic life
H413 - May cause long lasting harmful effects to aquatic life
Precautionary statements (GHS US) : P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.
P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.
P301+P310 - If swallowed: Immediately call a poison center or doctor.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a poison center or doctor if you feel unwell.
P331 - Do NOT induce vomiting.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
1-Decene, homopolymer, hydrogenated	CAS-No.: 68037-01-4	10 - 30*	Asp. Tox. 1, H304
1-Dodecene, polymer with 1-decene, hydrogenated	CAS-No.: 151006-60-9	15 - 40*	Asp. Tox. 1, H304
1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated	CAS-No.: 68649-12-7	15 - 40*	Asp. Tox. 1, H304
1-Decene, dimer, hydrogenated	CAS-No.: 68649-11-6	10 - 30*	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Asp. Tox. 1, H304
1-Dodecene, dimer with 1-decene, hydrogenated	CAS-No.: 151006-58-5	10 - 30*	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Aquatic Chronic 4, H413
Sulfurized olefin	CAS-No.: Undisclosed	1 - 5*	Flam. Liq. 4, H227 Aquatic Chronic 4, H413

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret
Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a physician immediately.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact	:	Rinse eyes with water as a precaution.
First-aid measures after ingestion	:	Do not induce vomiting. Call a physician immediately.
Personal protection for first-aid responders.	:	First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	:	Harmful if inhaled.
Symptoms/effects after skin contact	:	None under normal conditions.
Symptoms/effects after eye contact	:	None under normal conditions.
Symptoms/effects after ingestion	:	Risk of lung edema.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	:	Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	:	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	:	No fire hazard.
Explosion hazard	:	No direct explosion hazard.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment.
Emergency procedures	:	Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapors/spray.

For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate unnecessary personnel. Stop leak if safe to do so.
Environmental precautions	:	Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	:	Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up	:	Take up liquid spill into absorbent material.
Other information	:	Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	:	Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures	:	Keep in a cool, well-ventilated place away from heat.
Storage conditions	:	Store locked up.
Packaging materials	:	Always store product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

1-Decene, homopolymer, hydrogenated (68037-01-4)	
USA - ACGIH® - Threshold Limit Values	
ACGIH® TLV® TWA	5 mg/m³ (Inhalable fraction)

8.2. Appropriate engineering controls

Appropriate engineering controls	:	Ensure good ventilation of the work station.
Environmental exposure controls	:	Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:
Wear recommended personal protective equipment.

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Color	:	Mixture contains one or more component(s) which have the following color(s): Colourless Colourless to light yellow Colourless to yellow Pure substance: white Unpurified: yellow to brown
Odor	:	There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odor: Odourless Mild odour Petroleum-like odour Sweet odour Aromatic odour Irritating/pungent odour Pleasant odour Solvent-like odour Tar odour Characteristic odour
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	> 200 °C
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	0.835
Density	:	6.976 lb/gal
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	14.97 mm²/s
Explosion limits	:	No data available
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

L10 Racing Gear Oil 5 wt	
ATE US (dust, mist)	2.466 mg/l/4h

1-Decene, dimer, hydrogenated (68649-11-6)	
LD50 oral rat	> 5000 mg/kg body weight (Equivalent or similar to OECD 423, Rat, Male / female, Read-across, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	1.17 mg/l/4h
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.17 mg/l/4h

1-Dodecene, dimer with 1-decene, hydrogenated (151006-58-5)	
LD50 oral rat	> 5000 mg/kg Source: ECHA
LD50 dermal rat	> 3000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapors)	1.4 – 2 mg/l Source: ECHA
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	1.7 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

1-Decene, homopolymer, hydrogenated (68037-01-4)	
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

1-Dodecene, polymer with 1-decene, hydrogenated (151006-60-9)	
LD50 oral rat	> 5000 mg/kg Source: ECHA
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 3000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapors)	0.9 mg/l Source: ECHA
ATE US (vapors)	0.9 mg/l/4h

Skin corrosion/irritation : Not classified

1-Dodecene, polymer with 1-decene, hydrogenated (151006-60-9)	
pH	3.9 Source: ECHA

Serious eye damage/irritation : Not classified

1-Dodecene, polymer with 1-decene, hydrogenated (151006-60-9)	
pH	3.9 Source: ECHA

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : May be fatal if swallowed and enters airways.

L10 Racing Gear Oil 5 wt	
Viscosity, kinematic	14.97 mm²/s

Symptoms/effects after inhalation : Harmful if inhaled.
Symptoms/effects after skin contact : None under normal conditions.
Symptoms/effects after eye contact : None under normal conditions.
Symptoms/effects after ingestion : Risk of lung edema.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.
Hazardous to the aquatic environment, short–term (acute) : Harmful to aquatic life.
Hazardous to the aquatic environment, long–term (chronic) : May cause long lasting harmful effects to aquatic life.

1-Dodecene, dimer with 1-decene, hydrogenated (151006-58-5)	
LC50 - Fish [1]	> 1000 mg/l Source: ECAH

1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated (68649-12-7)	
LC50 - Fish [1]	> 1000 mg/l Source: e-ChemPortal;HPVIS
EC50 96h - Algae [1]	> 1000 mg/l Source: e-ChemPortal;HPVIS

12.2. Persistence and degradability

L10 Racing Gear Oil 5 wt	
Persistence and degradability	Not rapidly degradable

1-Decene, dimer, hydrogenated (68649-11-6)	
Persistence and degradability	Biodegradability in soil: no data available, Biodegradability in water: no data available.

1-Dodecene, dimer with 1-decene, hydrogenated (151006-58-5)	
Persistence and degradability	Not rapidly degradable

1-Decene, homopolymer, hydrogenated (68037-01-4)	
Persistence and degradability	Biodegradability in water: no data available.

1-Dodecene, polymer with 1-decene, hydrogenated (151006-60-9)	
Persistence and degradability	Not rapidly degradable

1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated (68649-12-7)	
Persistence and degradability	Not rapidly degradable

Sulfurized olefin (Undisclosed)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

1-Decene, dimer, hydrogenated (68649-11-6)	
Partition coefficient n-octanol/water (Log Pow)	10.09 Source: EPISUITE
Bioaccumulative potential	No bioaccumulation data available.

1-Dodecene, dimer with 1-decene, hydrogenated (151006-58-5)	
Partition coefficient n-octanol/water (Log Pow)	5 Source: ECHA

1-Decene, homopolymer, hydrogenated (68037-01-4)	
Bioaccumulative potential	No bioaccumulation data available.

1-Dodecene, polymer with 1-decene, hydrogenated (151006-60-9)	
Partition coefficient n-octanol/water (Log Pow)	5

1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated (68649-12-7)	
Partition coefficient n-octanol/water (Log Pow)	7.64 Source: e-ChemPortal;HPVIS

12.4. Mobility in soil

1-Decene, dimer, hydrogenated (68649-11-6)	
Mobility in soil	571100000 Source: EPISUITE

1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated (68649-12-7)	
Mobility in soil	192200000 Source: EPISUITE

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.
Ecological waste information : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated

DOT	TDG	IMDG	IATA
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

TDG
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Sulfurized olefin	CAS-No. Undisclosed	1 - 5*%

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

1-Decene, dimer, hydrogenated (68649-11-6)

Listed on the Canadian DSL (Domestic Substances List)

1-Dodecene, dimer with 1-decene, hydrogenated (151006-58-5)

Listed on the Canadian DSL (Domestic Substances List)

1-Decene, homopolymer, hydrogenated (68037-01-4)

Listed on the Canadian DSL (Domestic Substances List)

1-Dodecene, polymer with 1-decene, hydrogenated (151006-60-9)

Listed on the Canadian DSL (Domestic Substances List)

1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated (68649-12-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

1-Decene, homopolymer, hydrogenated (68037-01-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

WARNING: This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Revision date : 6/2/2026

Issue date : 3/11/2025

Full text of hazard classes and H-statements	
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H332	Harmful if inhaled
H402	Harmful to aquatic life
H413	May cause long lasting harmful effects to aquatic life

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.