



## Emissions Clear Fuel and Exhaust System Cleaner

### LUCAS OIL PRODUCTS, INC.

Part Number: 10715

Version No: 1.1

Safety Data Sheet according to OSHA HazCom Standard (2012) requirements

Issue Date: 06/07/2024

Print Date: 06/07/2024

S.GHS.USA.EN

#### SECTION 1 Identification

##### Product Identifier

**Product name:** Emissions Clear Fuel and Exhaust System Cleaner

**Other means of identification:** 10715

##### Recommended use of the chemical and restrictions on use

**Relevant identified uses:**

Emissions system cleaner. Use only per manufacturer's directions.

##### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Registered company name	LUCAS OIL PRODUCTS, INC.
Address	3199 Harrison Way NW, Corydon, Indiana 47112 United States
Telephone	800-342-2512
Fax	Not Available
Website	<a href="http://www.LucasOil.com">www.LucasOil.com</a>
Email	Not Available

##### Emergency phone number

Association / Organisation	CHEMTEL - 24 hours/day, 365 days/year
Emergency telephone numbers	1-800-255-3924 (US, Canada, Puerto Rico, US Virgin Islands)
Other emergency telephone numbers	1-813-248-0585 (International)

#### SECTION 2 Hazard(s) identification

##### Classification of the substance or mixture

Classification	Flammable Liquids Category 4; Aspiration Hazard Category 1; Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2A
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##### Label elements

###### Hazard pictogram(s)



**Signal word:** Danger

###### Hazard statement(s)

**H227:** Combustible liquid.

**H304:** May be fatal if swallowed and enters airways.

## Emissions Clear Fuel and Exhaust System Cleaner

**H315:** Causes skin irritation.

**H319:** Causes serious eye irritation.

### Hazard(s) not otherwise classified

Not Applicable

### Precautionary statement(s) Prevention

**P210:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P280:** Wear protective gloves, eye protection.

**P264:** Wash thoroughly after handling.

### Precautionary statement(s) Response

**P301+P310:** IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/first aider.

**P331:** Do NOT induce vomiting.

**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+P313:** If eye irritation persists: Get medical advice/attention.

**P302+P352:** IF ON SKIN: Wash with plenty of water and soap.

**P332+P313:** If skin irritation occurs: Get medical advice/attention.

**P362+P364:** Take off contaminated clothing and wash it before reuse.

### Precautionary statement(s) Storage

**P403+P235:** Store in a well-ventilated place. Keep cool.

### Precautionary statement(s) Disposal

**P501:** Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

## SECTION 3 Composition / information on ingredients

### Substances

See section below for composition of Mixtures

### Mixtures

CAS No	%[weight]	Name
64742-47-8*	45-70	<u>Distillates (petroleum), hydrotreated light*</u>
Not Available	10-30	Proprietary glycol
Not Available	10-30	<u>Monoalkylaryl alkoxyate aminated</u>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4 First-aid measures

### Description of first aid measures

#### Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Skin Contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

#### Inhalation

IF INHALED: Remove victim to fresh air. Other measures are usually unnecessary.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

### Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Abdominal cramps. Risk of chemical pneumonia.

**Emissions Clear Fuel and Exhaust System Cleaner****Indication of any immediate medical attention and special treatment needed**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Treat symptomatically.

**SECTION 5 Fire-fighting measures**

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**Extinguishing media**

Foam. Carbon dioxide. Dry chemical.  
Do NOT use a heavy water stream.

**Fire Incompatibility**

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

**Fire Fighting**

Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.

**Fire/Explosion Hazard**

Combustible liquid.  
May form flammable/explosive vapor-air mixture.

**SECTION 6 Accidental release measures**

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**Personal precautions, protective equipment and emergency procedures**

Remove ignition sources. NO smoking. Avoid eye and skin contact. Ventilate area. Stop leak if safe to do so.

**Environmental precautions**

Do not allow product to enter drains, storm sewers, or waterways. Absorb and/or contain spill with inert material.  
Place used inert material in a suitable container for disposal in accordance with local and national regulations.

**Methods and material for containment and cleaning up****Minor Spills**

- Remove all ignition sources.
- Clean up spills/ leakage using absorbent materials.
- Retain all absorbent and spillage for proper disposal in accordance with local regulation.
- Avoid breathing vapours and contact with skin and eyes.

**SECTION 7 Handling and storage**

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**Precautions for safe handling****Safe handling**

Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area.

**Other information**

Store in original containers. Keep containers securely sealed. No smoking, open flames or ignition sources.

**Conditions for safe storage, including any incompatibilities****Suitable container**

Store in original packaging as used by the manufacturer. Ensure all containers are clearly labelled and free from leaks.

**Storage incompatibility**

- Avoid reaction with oxidising agents

## Emissions Clear Fuel and Exhaust System Cleaner

## SECTION 8 Exposure controls / personal protection

## Control parameters

## Occupational Exposure Limits (OEL)

## INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
US OSHA Permissible Exposure Limits (PELs) Table Z-1	Distillates (petroleum), hydrotreated light*	Oil mist, mineral	5 mg/m3	Not Available	Not Available	Not Available

## Exposure controls

## Appropriate engineering controls

None required under ordinary conditions of use. Use with adequate ventilation. Avoid splashing of product.

## Individual protection measures, such as personal protective equipment



## Eye and face protection

Safety glasses or goggles.

## Skin protection

See Hand protection below

## SECTION 9 Physical and chemical properties

## Information on basic physical and chemical properties

## Appearance and odor

:

Clear. Petroleum odor.

Physical state	Liquid	Relative density (Water = 1)	0.8534
		Partition coefficient n-octanol / water	Not Available
pH (as supplied)	Not Applicable	Decomposition temperature (°C)	Not Applicable
Melting point / freezing point (°C)	Not Applicable	Viscosity (cSt)	3.76 @ 40°C
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	72.78		
Evaporation rate	Not Available		
Flammability	Combustible.		
Upper Explosive Limit (%)	Not Applicable		
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Applicable
Vapour pressure (kPa)	Not Available	pH as a solution (1%)	Not Applicable
Solubility in water	Immiscible	VOC g/L	Not Applicable
Vapour density (Air = 1)	Not Available		

Continued...

**SECTION 10 Stability and reactivity**

**Reactivity:**

Product is considered stable.

**Chemical stability:**

Product is considered stable.

**Possibility of hazardous reactions:**

Hazardous polymerization will not occur.

**Conditions to avoid:**

Overheating. Open flames. Direct sunlight. Contact with incompatible materials.

**Incompatible materials:**

Strong oxidizers.

**Hazardous decomposition products:**

Stable, hazardous decomposition is not known to occur.

**SECTION 11 Toxicological information**

**Information on toxicological effects**

**Inhalation / Respiratory sensitization**

Product does not meet current hazard criteria for classification.

**Ingestion / Aspiration**

May be fatal if swallowed and enters airways.  
 If swallowed: DO NOT induce vomiting.  
 Immediately call a POISON CENTER or doctor.  
 Aspiration may cause abdominal cramps, risk of aspiration pneumonia.  
 Product classification is based on kinematic viscosity test data (see Section 9).

**Skin Corrosion / Irritation / Sensitization**

Causes skin irritation.

**Eye Damage / Irritation**

Causes serious eye irritation.

**Chronic and Other hazards**

Exposure to this product is not known or suspected to cause long-term effects.  
 Product does not meet current criteria for classification for carcinogenicity, reproductive toxicity, STOT (single or repeated exposure), or germ cell mutagenicity, based on available information.

Emissions Clear Fuel and Exhaust System Cleaner	<table border="1"> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> <tr> <td>Not Available</td> <td>Not Available</td> </tr> </table>	TOXICITY	IRRITATION	Not Available	Not Available				
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Emissions Clear Fuel and Exhaust System Cleaner

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

**SECTION 12 Ecological information**

**Toxicity**

Emissions Clear Fuel and Exhaust System Cleaner	<b>Endpoint</b>	<b>Test Duration (hr)</b>	<b>Species</b>	<b>Value</b>	<b>Source</b>
	Not Available	Not Available	Not Available	Not Available	Not Available
Distillates (petroleum), hydrotreated light*	<b>Endpoint</b>	<b>Test Duration (hr)</b>	<b>Species</b>	<b>Value</b>	<b>Source</b>
	LC50	96h	Fish	2.2mg/L	4
	NOEC(ECx)	3072h	Fish	1mg/l	1
Monoalkylaryl alkoxyate aminated	<b>Endpoint</b>	<b>Test Duration (hr)</b>	<b>Species</b>	<b>Value</b>	<b>Source</b>
	Not Available	Not Available	Not Available	Not Available	Not Available

**Legend:** 1. IUCALID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

**Persistence and degradability**

<b>Ingredient</b>	<b>Persistence: Water/Soil</b>	<b>Persistence: Air</b>
	No Data available for all ingredients	No Data available for all ingredients

**Bioaccumulative potential**

<b>Ingredient</b>	<b>Bioaccumulation</b>
Distillates (petroleum), hydrotreated light*	LOW (BCF = 159)

**Mobility in soil**

<b>Ingredient</b>	<b>Mobility</b>
	No Data available for all ingredients

**SECTION 13 Disposal considerations**

**Waste treatment methods**

**Product / Packaging disposal**

- Dispose of unused product/packaging in accordance with all local, regional, and federal regulations.
- If programs exist in your area, this product and its packaging may be eligible to be disposed of alongside other petroleum-based products/packaging, such as engine oils.
- LUCAS OIL PRODUCTS encourages you to recycle, where regulations allow and programs exist.
- DO NOT dispose of product or packaging to the environment (on the ground/soil, or in water).

**SECTION 14 Transport information**

The flashpoint of this formulation meets the current DOT criteria as a 'Combustible' liquid.

The products represented by this SDS are packaged in non-bulk containers (by DOT definition); therefore, this product is NOT currently regulated under 49CFR.

This product is NOT currently regulated by the following Dangerous Goods regulations:

- Transport of Dangerous Goods (TDG - Canada)
- International Maritime Dangerous Goods (IMDG code)

Shipment regulated via ICAO/IATA (aircraft), cargo or passenger, is NOT recommended.

**SECTION 15 Regulatory information**

**Safety, health and environmental regulations / legislation specific for the substance or mixture**

Distillates (petroleum), hydrotreated light\* is found on the following regulatory lists

- US DOE Temporary Emergency Exposure Limits (TEELs)
- US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

Monoalkylaryl alkoxyate aminated is found on the following regulatory lists

None

**Additional Regulatory Information**

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

None Reported

US. EPCRA Section 313 Toxic Release Inventory (TRI) (40 CFR 372)

None Reported

**Additional Federal Regulatory Information**

Not Applicable

**State Regulations**

US. California Proposition 65

No warning required, based on available information.

**National Inventory Status**

National Inventory	Status
Australia - AIIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	Not applicable.
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
National Inventory	Status
Taiwan - TCSI	Yes
Mexico - INSQ	Yes
Vietnam - NCI	Yes
Russia - FBEPH	Yes
<b>Legend:</b>	YES, all known components are listed, or exempt from listing. NO - at least one known component is NOT listed or exempt from listing.

## SECTION 16 Other information

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**Revision Date:** 06/07/2024

**Initial Date:** 01/23/2024

### Other information

Classification of this preparation and its individual components has been completed based on official and authoritative data sources, including suppliers' SDSs, and available literature. In addition, LUCAS OIL staff has utilized both technical judgment and the data from CHEMWATCH's AuthoriTe software to present the information on this product. We believe the information provided herein to be accurate and appropriate at the time of this SDS's creation/revision.

This information is solely intended for purposes of health, safety, and environmental requirements only. None of the data in this document should be construed by the reader as guaranteeing any specific property or hazard of this product.

### Definitions and abbreviations

- PC - TWA: Permissible Concentration-Time Weighted Average
- PC - STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit,
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
  
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
- NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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