



# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)  
Issue date: 5/13/2025 Version: 1.0

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Upper Cylinder Lubricant Fuel Treatment  
Part Number : 10023

#### 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 : Fuel additives

#### 1.4. Supplier's details

Lucas Oil Products, Inc.  
3199 Harrison Way NW  
Corydon, IN, 47112  
USA  
T 800-342-2512  
[sds@lucasoil.com](mailto:sds@lucasoil.com) - [www.LucasOil.com](http://www.LucasOil.com)

#### 1.5. Emergency phone number

Emergency number : For Chemical Emergency Call ChemTel 24hr/day 7days/week  
Within USA, Canada, Puerto Rico and US Virgin Islands: 1-800-255-3924  
International: 1-813-248-0585  
(collect calls accepted)

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. Label elements

##### GHS US labeling

No labeling applicable

#### 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

# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

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

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                                                   | Product identifier  | %         | GHS US classification |
|--------------------------------------------------------|---------------------|-----------|-----------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic | CAS-No.: 64742-54-7 | 80 - 100* | Asp. Tox. 1, H304     |

\*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                    | : If you feel unwell, seek medical advice.                                                                                                                                                      |
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician. |
| First-aid measures after skin contact         | : Get medical attention if symptoms occur. Wash skin with plenty of water.                                                                                                                      |
| First-aid measures after eye contact          | : Remove contact lenses, if present and easy to do. Continue rinsing. When in doubt or if symptoms are observed, get medical advice. Rinse eyes with water as a precaution.                     |
| First-aid measures after ingestion            | : Rinse mouth out with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a poison center/doctor/physician if you feel unwell.                          |
| 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   | : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  |
| Symptoms/effects after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use.        |
| Symptoms/effects after eye contact  | : Not expected to present a significant eye contact hazard under anticipated conditions of normal use. |
| Symptoms/effects after ingestion    | : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.   |

#### 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. In case of fire and/or explosion do not breathe fumes. |
| Explosion hazard                                 | : No direct explosion hazard.                                            |
| Hazardous decomposition products in case of fire | : Carbon dioxide. Carbon monoxide.                                       |

# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

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

### 5.3. Special protective equipment and precautions for fire-fighters

- |                                |   |                                                                                                                                                                                                                                                                             |
|--------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : | Evacuate area. Eliminate all ignition sources if safe to do so. Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment. 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.                        |

#### 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. Notify authorities if product enters sewers or public waters.                                                           |

### 6.2. Methods and materials for containment and cleaning up

- |                         |   |                                                                                                                                                                                                                                                                                         |
|-------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : | Absorb spilled material with sand or earth. 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. Move containers from spill area. Take up liquid spill into absorbent material. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean contaminated surfaces with an excess of water. |
| Other information       | : | Dispose of materials or solid residues at an authorized site.                                                                                                                                                                                                                           |

For further information refer to section 8: "Exposure controls/personal protection", For further information refer to section 13

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

- |                                   |   |                                                                                                                                                                                                                                                   |
|-----------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling     | : | Ensure good ventilation of the work station. Wear personal protective equipment. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Do not breathe vapors. Avoid contact with skin and eyes. |
| Hygiene measures                  | : | Wash contaminated clothing before reuse. 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  | : | Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. |
| Packaging materials | : | Store always product in container of same material as original container.                                                                                                                                                                  |

# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

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

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety procedures. Ensure exposure is below occupational exposure limits (where available). 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.

|                                                                          |
|--------------------------------------------------------------------------|
| <b>Hand protection:</b>                                                  |
| Protective gloves                                                        |
| <b>Eye protection:</b>                                                   |
| Safety glasses                                                           |
| <b>Skin and body protection:</b>                                         |
| Wear suitable protective clothing                                        |
| <b>Respiratory protection:</b>                                           |
| In case of insufficient ventilation, wear suitable respiratory equipment |

##### Personal protective equipment symbol(s):



### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state : Liquid

Color : No data available

Odor : No data available

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 : 232.222 °C

Flammability (solid, gas) : Not applicable.

Vapor pressure : No data available

Relative vapor density at 20°C : No data available

Relative density : 0.864

Density : 7.213 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

# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

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

|                          |                                  |
|--------------------------|----------------------------------|
| Viscosity, kinematic     | : 95.15 mm <sup>2</sup> /s       |
| Explosion limits         | : No data available              |
| Particle characteristics | : Particle size : Not Applicable |

### 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)       | : No data available |
| Acute toxicity (dermal)     | : No data available |
| Acute toxicity (inhalation) | : No data available |

#### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

|                    |                             |
|--------------------|-----------------------------|
| LD50 dermal rabbit | > 5000 mg/kg Source: IUCLID |
|--------------------|-----------------------------|

|                           |                     |
|---------------------------|---------------------|
| Skin corrosion/irritation | : No data available |
|---------------------------|---------------------|

|                               |                     |
|-------------------------------|---------------------|
| Serious eye damage/irritation | : No data available |
|-------------------------------|---------------------|

|                                   |                     |
|-----------------------------------|---------------------|
| Respiratory or skin sensitization | : No data available |
|-----------------------------------|---------------------|

|                        |                     |
|------------------------|---------------------|
| Germ cell mutagenicity | : No data available |
|------------------------|---------------------|

|                 |                     |
|-----------------|---------------------|
| Carcinogenicity | : No data available |
|-----------------|---------------------|

|                       |                     |
|-----------------------|---------------------|
| Reproductive toxicity | : No data available |
|-----------------------|---------------------|

|                      |                     |
|----------------------|---------------------|
| STOT-single exposure | : No data available |
|----------------------|---------------------|

|                        |                     |
|------------------------|---------------------|
| STOT-repeated exposure | : No data available |
|------------------------|---------------------|

# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

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

| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) |                                                                                                                                          |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days)                                          | 125 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEC (inhalation, rat, dust/mist/fume, 90 days)                    | > 0.98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)                                  |

Aspiration hazard : No data available

| Upper Cylinder Lubricant Fuel Treatment |                          |
|-----------------------------------------|--------------------------|
| Viscosity, kinematic                    | 95.15 mm <sup>2</sup> /s |

| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) |                       |
|---------------------------------------------------------------------|-----------------------|
| Viscosity, kinematic                                                | 18 mm <sup>2</sup> /s |
| Hydrocarbon                                                         | Yes                   |
| Aliphatic, alicyclic or aromatic hydrocarbon                        | Yes                   |

Symptoms/effects after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/effects after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : No data available

Hazardous to the aquatic environment, long-term (chronic) : No data available

| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) |                            |
|---------------------------------------------------------------------|----------------------------|
| LC50 - Fish [1]                                                     | > 5000 mg/l                |
| EC50 - Crustacea [1]                                                | > 1000 mg/l Source: IUCLID |
| EC50 96h - Algae [1]                                                | > 1000 mg/l Source: IUCLID |

### 12.2. Persistence and degradability

| Upper Cylinder Lubricant Fuel Treatment |                                               |
|-----------------------------------------|-----------------------------------------------|
| Persistence and degradability           | Biodegradability in water: no data available. |

| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) |                        |
|---------------------------------------------------------------------|------------------------|
| Persistence and degradability                                       | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| Upper Cylinder Lubricant Fuel Treatment |                                               |
|-----------------------------------------|-----------------------------------------------|
| Bioaccumulative potential               | No data available concerning bioaccumulation. |

# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

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

### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |
|-------------------------------------------------|------------------------|

### 12.4. Mobility in soil

#### Upper Cylinder Lubricant Fuel Treatment

|                |                                      |
|----------------|--------------------------------------|
| Ecology - soil | No additional information available. |
|----------------|--------------------------------------|

### 12.5. Other adverse effects

|                              |                     |
|------------------------------|---------------------|
| Ozone                        | : No data available |
| 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.                                                             |

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                                     | TDG           | IMDG          | IATA          |
|-----------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |               |
| Not regulated for transport             |               |               |               |
| <b>14.2. Proper Shipping Name</b>       |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |
| 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

# Upper Cylinder Lubricant Fuel Treatment

## Safety Data Sheet

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

### 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

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

##### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16 Other information

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

Issue date : 5/13/2025

### Full text of hazard classes and H-statements

|      |                                              |
|------|----------------------------------------------|
| H304 | May be fatal if swallowed and enters airways |
|------|----------------------------------------------|

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.