

**Safety Data Sheet**

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)  
Issue date: 7/17/2025 Revision date: 1/16/2026 Supersedes: 7/17/2025 Version: 2.0

**SECTION 1 Identification****1.1. Product identifier**

Product form : Mixture  
Product name : Synthetic SAE 5W-30 European Motor Oil  
Part Number : 10051

**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](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

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### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name   | Product identifier  | %        | GHS US classification   |
|--|---------------------|----------|-------------------------|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | CAS-No.: 72623-87-1 | 65 - 85* | Asp. Tox. 1, H304       |
| Distillates (petroleum), hydrotreated heavy paraffinic               | CAS-No.: 64742-54-7 | 5 - 10*  | Asp. Tox. 1, H304       |
| Benzenamine, ar-nonyl-N-(nonylphenyl)-                               | CAS-No.: 36878-20-3 | 1 - 5*   | 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                    | : If you feel unwell, seek medical advice.   |
| First-aid measures after inhalation           | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact         | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact          | : Rinse eyes with water as a precaution.   |
| First-aid measures after ingestion            | : 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   | : None under normal conditions.        |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : None under normal conditions.        |
| Symptoms/effects after ingestion    | : None under normal conditions.        |

#### 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. |
|---------------------------|---|

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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 contact with skin and eyes. 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 : 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.

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 : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. 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 cool. Protect from sunlight.

Packaging materials : Always store product in container of same material as original container.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

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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   | : Mixture contains one or more component(s) which have the following color(s):<br>Yellow to brown White to grey  |
| Odor  | : There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure.<br>Mixture contains one or more component(s) which have the following odor:<br>Characteristic odour Almost odourless |
| 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                                | : 0.851  |
| Density   | : 7.104 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                            | : 61.38 mm <sup>2</sup> /s @ 40 ° C  |
| 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

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### 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) : Not classified

| <b>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)</b> |   |
|--|---|
| LD50 oral rat  | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 oral  | 5000 mg/kg  |
| LD50 dermal rabbit   | > 2000 mg/kg Source: IUCLID   |
| LD50 dermal  | 5000 mg/kg  |
| ATE US (oral)  | 5000 mg/kg body weight  |
| ATE US (dermal)  | 5000 mg/kg body weight  |
| <b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>               |   |
| LD50 dermal rabbit   | > 5000 mg/kg Source: IUCLID   |
| <b>Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)</b>                               |   |
| LD50 oral rat  | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
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

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| <b>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)</b> |  |
|--|--|
| 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)                                  |

| <b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b> |  |
|--|--|
| 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 : Not classified

| <b>Synthetic SAE 5W-30 European Motor Oil</b> |                                   |
|---|-----------------------------------|
| Viscosity, kinematic                          | 61.38 mm <sup>2</sup> /s @ 40 ° C |

| <b>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)</b> |                       |
|--|-----------------------|
| Viscosity, kinematic   | 12 mm <sup>2</sup> /s |
| Hydrocarbon  | Yes                   |

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

Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : May cause an allergic skin reaction.  
Symptoms/effects after eye contact : None under normal conditions.  
Symptoms/effects after ingestion : None under normal conditions.

## 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) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

| <b>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)</b> |                            |
|--|----------------------------|
| LC50 - Fish [1]  | > 5000 mg/l Source: IUCLID |
| EC50 - Crustacea [1]   | > 1000 mg/l Source: IUCLID |

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

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| <b>Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)</b> |  |
|--|--|
| LC50 - Fish [1]  | > 0.0013 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1]                                       | > 100 mg/l Test organisms (species): Daphnia magna   |

### 12.2. Persistence and degradability

| <b>Synthetic SAE 5W-30 European Motor Oil</b>  |                        |
|--|------------------------|
| Persistence and degradability  | Not rapidly degradable |
| <b>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)</b> |                        |
| Persistence and degradability  | Not rapidly degradable |
| <b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>               |                        |
| Persistence and degradability  | Not rapidly degradable |
| <b>Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)</b>                               |                        |
| Persistence and degradability  | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| <b>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)</b> |                        |
|--|------------------------|
| Partition coefficient n-octanol/water (Log Pow)  | 3.9 – 6 Source: IUCLID |
| <b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>               |                        |
| Partition coefficient n-octanol/water (Log Pow)  | 3.9 – 6 Source: IUCLID |

### 12.4. Mobility in soil

| <b>Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)</b> |                           |
|--|---------------------------|
| Mobility in soil   | 35900000 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

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| 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

#### 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

##### Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

### Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)

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 2024)

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Issue date : 7/17/2025

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

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