

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

Product form : Mixture  
Product name : Synthetic SAE 50 WT Motorcycle Oil  
Part Number : 10765

**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 & 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**

|                                                                   |      |                                                    |
|-------------------------------------------------------------------|------|----------------------------------------------------|
| Serious eye damage/eye irritation, Category 2                     | H319 | Causes serious eye irritation.                     |
| Skin sensitization, Category 1                                    | H317 | May cause an allergic skin reaction.               |
| Hazardous to the aquatic environment — Chronic Hazard, Category 3 | H412 | Harmful to aquatic life with long lasting effects. |

Full text of H statements : see section 16

**2.2. Label elements****GHS US labeling**

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS US) : P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P273 - Avoid release to the environment.

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P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

P302+P352 - If on skin: Wash with plenty of water.

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

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.

P337+P313 - If eye irritation persists: Get medical advice or attention.

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

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                                              |
|----------------------------------------------------------------------|----------------------|----------|--------------------------------------------------------------------|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | CAS-No.: 72623-87-1  | 45 - 70* | Asp. Tox. 1, H304                                                  |
| Distillates (petroleum), hydrotreated heavy paraffinic               | CAS-No.: 64742-54-7  | 7 - 13*  | Asp. Tox. 1, H304<br>Aquatic Chronic 4, H413                       |
| 1-Decene, homopolymer, hydrogenated                                  | CAS-No.: 68037-01-4  | 5 - 10*  | Asp. Tox. 1, H304                                                  |
| 1-Dodecene, polymer with 1-decene, hydrogenated                      | CAS-No.: 151006-60-9 | 5 - 10*  | Asp. Tox. 1, H304                                                  |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts        | CAS-No.: 68649-42-3  | 1 - 5*   | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411 |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts       | CAS-No.: 70024-69-0  | 0.1 - 1* | Skin Sens. 1, H317                                                 |

\*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.

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|                                               |                                                                                                                                                                                  |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after eye contact          | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| 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 | : None under normal conditions. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : None under normal conditions. Eye irritation.                      |
| 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. |
| 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.                                                                                                                                       |

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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. Wear personal protective equipment. Avoid contact with skin and eyes. 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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
- 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

##### 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 insufficient ventilation, wear suitable respiratory equipment

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### 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>Colourless White to grey Yellow                                                                                                                               |
| 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>Mild odour Characteristic odour Odourless 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                                     | : > 220 °C                                                                                                                                                                                                                                      |
| Flammability (solid, gas)                       | : Not applicable.                                                                                                                                                                                                                               |
| Vapor pressure                                  | : No data available                                                                                                                                                                                                                             |
| Relative vapor density at 20°C                  | : No data available                                                                                                                                                                                                                             |
| Relative density                                | : 0.861                                                                                                                                                                                                                                         |
| Density                                         | : 7.19 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                            | : 128.9 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

## 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).

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### 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

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

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| 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                                                                    |

#### Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

|                       |                                             |
|-----------------------|---------------------------------------------|
| LD50 oral rat         | 3195 mg/kg Source: ECHA                     |
| LD50 dermal rabbit    | > 3160 mg/kg Source: ECHA                   |
| LC50 Inhalation - Rat | > 5 mg/l air Animal: rat, Guideline: other: |
| ATE US (oral)         | 3195 mg/kg body weight                      |

#### Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)

|                                   |                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------|
| LD50 oral rat                     | > 16000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: other:      |
| LD50 dermal rabbit                | > 4000 mg/kg body weight Animal: rabbit, Guideline: other:                      |
| LC50 Inhalation - Rat             | > 1.9 mg/l air Animal: rat, Guideline: EPA OPP 81-3 (Acute inhalation toxicity) |
| LC50 Inhalation - Rat (Dust/Mist) | > 1.9 mg/l Source: ECHA                                                         |

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

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

#### 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                                                                                 |

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Skin corrosion/irritation : Not classified

### Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

|    |                                 |
|----|---------------------------------|
| pH | 5.5 – 7.5 Concentration: 1 vol% |
|----|---------------------------------|

### Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)

|    |                       |
|----|-----------------------|
| pH | 8.1 Source: ECHA Chem |
|----|-----------------------|

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

|    |                  |
|----|------------------|
| pH | 3.9 Source: ECHA |
|----|------------------|

Serious eye damage/irritation : Causes serious eye irritation.

### Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

|    |                                 |
|----|---------------------------------|
| pH | 5.5 – 7.5 Concentration: 1 vol% |
|----|---------------------------------|

### Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)

|    |                       |
|----|-----------------------|
| pH | 8.1 Source: ECHA Chem |
|----|-----------------------|

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

|    |                  |
|----|------------------|
| pH | 3.9 Source: ECHA |
|----|------------------|

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

### Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| NOAEL (animal/female, F0/P) | 300 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other: |
|-----------------------------|--------------------------------------------------------------------------|

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| NOAEL (animal/female, F1) | 1000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other: |
|---------------------------|---------------------------------------------------------------------------|

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

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

|                            |                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------|

### Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | 500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents) |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|

|                                     |                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| NOAEL (dermal, rat/rabbit, 90 days) | > 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|

### 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 : Not classified

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|                      |                                   |
|----------------------|-----------------------------------|
| Viscosity, kinematic | 128.9 mm <sup>2</sup> /s @ 40 ° C |
|----------------------|-----------------------------------|

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| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1) |                                                                          |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Viscosity, kinematic                                                              | 12 mm²/s                                                                 |
| Hydrocarbon                                                                       | Yes                                                                      |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)        |                                                                          |
| Viscosity, kinematic                                                              | 9 – 15 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)' |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)               |                                                                          |
| Viscosity, kinematic                                                              | 18 mm²/s                                                                 |
| Hydrocarbon                                                                       | Yes                                                                      |
| Aliphatic, alicyclic or aromatic hydrocarbon                                      | Yes                                                                      |
| Symptoms/effects after inhalation                                                 | : None under normal conditions.                                          |
| Symptoms/effects after skin contact                                               | : None under normal conditions. May cause an allergic skin reaction.     |
| Symptoms/effects after eye contact                                                | : None under normal conditions. Eye irritation.                          |
| 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. Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                                                                          |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.                                                                                                                      |

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1) |                                                                                                                                             |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                                                                   | > 5000 mg/l Source: IUCLID                                                                                                                  |
| EC50 - Crustacea [1]                                                              | > 1000 mg/l Source: IUCLID                                                                                                                  |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)       |                                                                                                                                             |
| LC50 - Fish [1]                                                                   | > 10000 mg/l Source: ECHA                                                                                                                   |
| EC50 - Crustacea [1]                                                              | > 1000 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1]                                                              | > 1000 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1]                                                              | > 1000 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| 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

| Synthetic SAE 50 WT Motorcycle Oil |                        |
|------------------------------------|------------------------|
| Persistence and degradability      | Not rapidly degradable |



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| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1) |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------|
| Persistence and degradability                                                     | Not rapidly degradable                        |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)        |                                               |
| Persistence and degradability                                                     | Not rapidly degradable                        |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)       |                                               |
| Persistence and degradability                                                     | Not rapidly degradable                        |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)               |                                               |
| 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                        |

### 12.3. Bioaccumulative potential

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1) |                                    |
|-----------------------------------------------------------------------------------|------------------------------------|
| Partition coefficient n-octanol/water (Log Pow)                                   | 3.9 – 6 Source: IUCLID             |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)        |                                    |
| Partition coefficient n-octanol/water (Log Pow)                                   | 14.876 Source: ECHA                |
| Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)       |                                    |
| Partition coefficient n-octanol/water (Log Pow)                                   | > 5.47 Source: ECHA                |
| Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)               |                                    |
| Partition coefficient n-octanol/water (Log Pow)                                   | 3.9 – 6 Source: IUCLID             |
| 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                                  |

### 12.4. Mobility in soil

No additional information available

### 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.                                                             |

# Synthetic SAE 50 WT Motorcycle Oil

## Safety Data Sheet

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

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          |
|-----------------------------------------|---------------|---------------|---------------|
| <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.

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### 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)

##### Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

Listed on the Canadian DSL (Domestic Substances List)

##### Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)

Listed on the Canadian DSL (Domestic Substances List)

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

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)

#### EU-Regulations

No additional information available

#### National regulations

##### Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

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)

Revision date : 5/13/2026

Issue date : 6/26/2025

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

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

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| Full text of hazard classes and H-statements |                                                        |
|----------------------------------------------|--------------------------------------------------------|
| H315                                         | Causes skin irritation                                 |
| H317                                         | May cause an allergic skin reaction                    |
| H318                                         | Causes serious eye damage                              |
| H319                                         | Causes serious eye irritation                          |
| H411                                         | Toxic to aquatic life with long lasting effects        |
| H412                                         | Harmful to aquatic life with long lasting effects      |
| 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.