

MAXLIFE® SYNTHETIC SAE 5W-30 HIGH  
MILEAGE SYNTHETIC MOTOR OIL  
691759

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)
Product name	MAXLIFE® SYNTHETIC SAE 5W-30 HIGH MILEAGE SYNTHETIC MOTOR OIL	
Product code	691759	
Product Use Description	No data	

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance: liquid

CAUTION! PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

**Potential Health Effects**

**Exposure routes**

Inhalation, Skin contact, Eye Contact, Ingestion

**Eye contact**

Unlikely to cause eye irritation or injury.

**Skin contact**

Unlikely to cause skin irritation or injury. Prolonged or repeated contact may dry and crack the skin. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

**Ingestion**

Swallowing this material is not likely to be harmful.

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**Inhalation**

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

**Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions)

**Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways)

**Target Organs**

No data

**Carcinogenicity**

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA). Used motor oil has been shown to cause skin cancer in laboratory animals continually exposed by repeated applications. Avoid prolonged or repeated skin contact.

**Reproductive hazard**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Hazardous Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC		>=60-<70%
Distillates (Petroleum), Hydrotreated Heavy Paraffinic	64742-54-7	>=20-<30%

**4. FIRST AID MEASURES**

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**Eyes**

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

**Skin**

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Ingestion**

First aid is not normally required. If symptoms develop, seek medical attention.

**Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**Notes to physician**

**Hazards:** Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

**Treatment:** No information available.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Water mist, Foam

**Hazardous combustion products**

carbon dioxide and carbon monoxide, various hydrocarbons, oxides of sulfur, nitrogen and phosphorus

**Precautions for fire-fighting**

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Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Dense smoke may be generated while burning. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

**NFPA Flammable and Combustible Liquids Classification**  
Combustible Liquid Class IIIB

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

**Environmental precautions**

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

**Methods for cleaning up**

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

**7. HANDLING AND STORAGE**

**Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.

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**Storage**

Do not store near extreme heat, open flame, or sources of ignition.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

**General advice**

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

**Exposure controls**

General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

**Eye protection**

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

**Skin and body protection**

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product. Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

**Respiratory protection**

Respiratory protection is not required under normal conditions of use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	liquid
<b>Form</b>	No data

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<b>Colour</b>	No data
<b>Odour</b>	No data
<b>Boiling point/boiling range</b>	330.00 °C @ 1,013.33 hPa Calculated Phase Transition Liquid/Gas
<b>pH</b>	No data
<b>Flash point</b>	(>) 199.00 °C Cleveland open cup
<b>Evaporation rate</b>	No data
<b>Lower explosion limit/Upper explosion limit</b>	1 %(V) / 6 %(V)
<b>Vapour pressure</b>	1.333 hPa @ 20 °C Calculated Vapor Pressure
<b>Vapour density</b>	No data
<b>Density</b>	0.8504 g/cm <sup>3</sup> @ 60.01 °F / 15.56 °C
<b>Solubility</b>	No data
<b>Partition coefficient: n-octanol/water</b>	No data
<b>log Pow</b>	no data available
<b>Autoignition temperature</b>	No data

## 10. STABILITY AND REACTIVITY

### Stability

Stable.

### Conditions to avoid

None known.

### Incompatible products

strong oxidizing agents

### Hazardous decomposition products

carbon dioxide and carbon monoxide, various hydrocarbons, oxides of sulfur, nitrogen and phosphorus

### Hazardous reactions

Product will not undergo hazardous polymerization.

### Thermal decomposition

No data

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## 11. TOXICOLOGICAL INFORMATION

### Acute oral toxicity

DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVY PARAFFINIC : LD 50 Rat: > 15 g/kg  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : LD 50 Rat: > 15 g/kg

### Acute inhalation toxicity

DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

### Acute dermal toxicity

DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVY PARAFFINIC : LD 50 Rabbit: > 5 g/kg  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : LD 50 Rabbit: > 5 g/kg

## 12. ECOLOGICAL INFORMATION

### Biodegradability

DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

### Bioaccumulation

DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

### Ecotoxicity effects

#### Toxicity to fish

DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

#### Toxicity to daphnia and other aquatic invertebrates.

DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

#### Toxicity to algae

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DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

**Toxicity to bacteria**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

**Biochemical Oxygen Demand (BOD)**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

**Chemical Oxygen Demand (COD)**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

**Additional ecological information**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC : no data available  
Distillates (Petroleum), Hydrotreated Heavy Paraffinic : no data available

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

**14. TRANSPORT INFORMATION**

**REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT /LTD. QTY.
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**MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES**

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Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods

**TRANSPORT CANADA - INLAND WATERWAYS**

Not dangerous goods

**TRANSPORT CANADA - RAIL**

Not dangerous goods

**TRANSPORT CANADA - ROAD**

Not dangerous goods

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods

**U.S. DOT - RAIL**

Not dangerous goods

**U.S. DOT - ROAD**

Not dangerous goods

**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

**15. REGULATORY INFORMATION**

**California Prop. 65**

Proposition 65 warnings are not required for this product based

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on the results of a risk assessment.

**SARA Hazard Classification**

No SARA Hazards

**SARA 313 Component(s)**

ZINC COMPOUNDS 1.15 %

**New Jersey RTK Label Information**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY  
PARAFFINIC

Distillates (Petroleum), Hydrotreated Heavy Paraffinic 64742-54-7

LUBRICANT ADDITIVE

LUBRICANT ADDITIVE

ZINC COMPOUNDS

**Pennsylvania RTK Label Information**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY  
PARAFFINIC

Distillates (Petroleum), Hydrotreated Heavy Paraffinic 64742-54-7

LUBRICANT ADDITIVE

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**Notification status**

US. Toxic Substances Control Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	q (quantity restricted)
Australia. Industrial Chemical (Notification and Assessment) Act	n (Negative listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	n (Negative listing)
Japan. Kashin-Hou Law List	n (Negative listing)
Korea. Toxic Chemical Control Law (TCCL) List	n (Negative listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	n (Negative listing)
China. Inventory of Existing Chemical Substances	q (quantity restricted)

	<b>HMIS</b>	<b>NFPA</b>
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Health	1	1
Flammability	1	1
Physical hazards	0	
Instability		0
Specific Hazard	--	--

**16. OTHER INFORMATION**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).