



SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
Silverhook Fully Synthetic Engine Oil 0w20

Version 3

Print Date 21/04/2021

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Fully Synthetic Engine Oil 0W/20

ref: XLM

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Synthetic SAE 0W/20 passenger car motor oil. A catalyst compatible oil for gasoline and light-duty diesel engines with aftertreatment devices.

1.3. Details of the supplier of the safety data sheet

Silverhook Ltd
Unit 14 Bates Road,
Harold Wood, London, England
RM3 0JH
Tel.: +44 (0) 1708330500
Fax.: +44 (0) 1708330504
Email: 522@silverhook.co.uk
Responsible person email: 522@silverhook.co.uk

1.4. Emergency telephone number

+44 (0) 1708330500 (during office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2. Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

SAFETY DATA SHEET

Silverhook Fully Synthetic Engine Oil 0w20

Additional Labelling

EUH210 Safety data sheet available on request.

2.3. Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration
distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7 265-157-1 01-2119484627-25-0055	Asp. Tox. 1; H304	70 - 90 %
Phosphorodithioic acid, O,O-di- C1-14-alkyl esters, zinc salts	68649-42-3 272-028-3	Skin irr/cor. 2; H315 Eye irr/damage 1; H318 Aquatic Chronic 2; H411	1 - 2.5 %
Alkaryl amine		Aquatic Chronic 4; H413	1 - 2.5 %
p-dodecylphenol	104-43-8 203-202-9	Skin irr/cor. 1C; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Repr. 1B; H360 Eye irr/damage 1; H318	0.1 - 0.25 %

For explanation of abbreviations see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

If inhaled

Move to fresh air. Artificial respiration and/or oxygen may be necessary. Seek medical advice.

In case of skin contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Wash clothing before reuse. Seek medical advice.

In case of eye contact

Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

If swallowed

Rinse mouth with water. DO NOT induce vomiting unless directed to do so by a physician or poison control centre. Never give anything by mouth to an unconscious person. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

None known.

4.3. Indication of any immediate medical attention and special treatment needed

SAFETY DATA SHEET

Silverhook Fully Synthetic Engine Oil 0w20

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting

Cool closed containers exposed to fire with water spray

Hazardous combustion products

Carbon oxides (CO, CO₂), Sulphur oxides (SO_x), sulphur compounds (H₂S), metal oxides, smoke and irritating vapours as products of incomplete combustion.

5.3. Advice for firefighters

Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Material can create slippery conditions. Mark the contaminated area with signs and prevent access to unauthorized personnel. Only qualified personnel equipped with suitable protective equipment may intervene.

6.2. Environmental precautions

Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Prevent further leakage or spillage if safe to do so. Remove all sources of ignition. Soak up with inert absorbent material. Non-sparking tools should be used. Ensure adequate ventilation. Contact the proper local authorities.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

For personal protection see Section 8.

Smoking, eating and drinking should be prohibited in the application area.

Use only with adequate ventilation.

In case of insufficient ventilation, wear suitable respiratory equipment.

Avoid contact with skin, eyes and clothing.

Do not ingest.

Keep away from heat and sources of ignition.

Keep container closed when not in use.

Advice on protection against fire and explosion

None known.

Hygiene measures

Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash face, hands and any exposed skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers. To maintain product quality, do not store in heat or direct sunlight.

7.3. Specific end use(s)

SAFETY DATA SHEET

Silverhook Fully Synthetic Engine Oil 0w20

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Engineering measures

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection

Wear face-shield and protective suit for abnormal processing problems.

Hand protection

Material

Neoprene, nitrile, polyvinyl alcohol (PVA), Viton(R)

Remarks

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Respiratory protection

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Respiratory selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Filter type

Organic vapour filter

Protective measures

Wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid
Colour	Amber
pH	No data available
Pour point	-48°C (-38°F)
Boiling point/boiling range	No data available
Flash point	224°C (435°F) Method: Cleveland open cup
Auto-ignition temperature	No data available
Flammability (solid, gas)	Low fire hazard. This material must be heated before ignition will occur.
Upper explosion limit	No data available.
Lower explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	0.844 kg/l (15°C / 59°F)
Solubility(ies)	
Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available.

9.2. Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Hazardous reactions

Hazardous polymerization does not occur. Stable under normal conditions

10.4. Conditions to avoid

Conditions to avoid

No data available

SAFETY DATA SHEET

Silverhook Fully Synthetic Engine Oil 0w20

10.5. Incompatible materials

Materials to avoid

Reactive with oxidizing agents and reducing agents

10.6. Hazardous decomposition products

Hazardous decomposition products

May release COx, SOx, H2S, metal oxides, smoke and irritating vapours when heated to decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Information on likely routes of exposure

Eye contact
Ingestion
Inhalation
Skin contact

Acute toxicity

Product

Acute oral toxicity

Remarks: No data available.

Acute inhalation toxicity

Remarks: No data available.

Acute dermal toxicity

Assessment: The substance or mixture has no acute dermal toxicity.

Skin corrosion/irritation

Product

Remarks: No data available.

Serious eye damage/eye irritation

Product

Remarks: No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product

Toxicity to fish

Remarks: No data available.

Toxicity to daphnia and other aquatic invertebrates

Remarks: No data available.

Toxicity to algae

Remarks: No data available.

Toxicity to bacteria

Remarks: No data available.

12.2. Persistence and degradability

Product

Biodegradability

Remarks: No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No data available.

SAFETY DATA SHEET

Silverhook Fully Synthetic Engine Oil 0w20

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

The product should not be allowed to enter drains, water courses or the soil.
Offer surplus and non-recyclable solutions to a licensed disposal company.
Waste must be classified and labelled prior to recycling or disposal.
Send to a licensed waste management company.
Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.

SECTION 14: TRANSPORT INFORMATION

International regulations

IATA-DGR

Not regulated as a dangerous good.

IMDG-Code

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

ADR: Not regulated

ADN: Not regulated

RID: Not regulated

SECTION 15: REGULATORY INFORMATION

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

Water contaminating class (Germany)

WGK2 water endangering

The components of this product are reported in the following inventories

DSL

On the inventory, or in compliance with the inventory

TSCA

All chemical substances in this product are either listed on the TSCA inventory or are in compliance with a TSCA Inventory exemption

IECSC

On the inventory, or in compliance with the inventory

EINECS

On the inventory, or in compliance with the inventory

15.2. Chemical safety assessment

SECTION 16: OTHER INFORMATION

Full text of H-statements

H304 May be fatal if swallowed and enters airways

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation

H318 Causes serious eye damage

H360 May damage fertility or the unborn child

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

H413 May cause long lasting harmful effects to aquatic life

Full text of other abbreviations

H318 Causes serious eye damage

H360 May damage fertility or the unborn child

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

SAFETY DATA SHEET

Silverhook Fully Synthetic Engine Oil 0w20

Full text of other abbreviations

Aquatic acute	Acute aquatic toxicity
Aquatic chronic	Chronic aquatic toxicity
Asp. Tox.	Aspiration hazard
Eye irr/damage	Serious eye damage/eye irritation
Repr.	Reproductive toxicity
Skin irr/corr	Skin corrosion/irritation

Disclaimer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.