



SAFETY DATA SHEET
according to Regulation (EC) No. 2020/878
Silverhook Fully Synthetic Engine Oil 5W-40

Version 4

Print Date 04/01/2023

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

1.1. Product identifier

Product name: Fully Synthetic 5W-40 "EDGE" Engine Oil

ref: XLJ

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

Use of the substance/mixture: Synthetic SAE 5W-40 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.

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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 center. Never give anything by mouth to an unconscious person. Seek medical advice.

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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

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.

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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.

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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)

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 standards 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. Respirator 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.

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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	-39°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	0.85 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.

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Hazardous polymerisation does not occur. Stable under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Reactive with oxidising agents and reducing agents.

10.6. Hazardous decomposition products

May release CO_x, SO_x, H₂S, metal oxides, smoke and irritation 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: No data available

Acute inhalation toxicity: 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.

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12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No data available.

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.

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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 WGK 2 water endangering
(Germany)

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.

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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

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/cor.	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.