SAFETY DATA SHEET
Swarfega Duck Oil


SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name Swarfega Duck Oil
Product number SDO25L, SDO5L, 7118537

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Lubricant. Car maintenance product. Releasing agent. For full details regarding recommended uses please refer to the product label.

1.3. Details of the supplier of the safety data sheet
Supplier Deb Ltd
Denby Hall Way
Denby
Derbyshire
DE5 8JZ
Main Tel. 01773 855100
Technical Tel 01773 855105
reach@deb.co.uk

1.4. Emergency telephone number
Emergency telephone National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards Not Classified
Health hazards Asp. Tox. 1 - H304
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R65. R66.

Environmental The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

2.2. Label elements
Pictogram

Signal word Danger
Swarfega Duck Oil

Hazard statements
H304 May be fatal if swallowed and enters airways.

Precautionary statements
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contains
DISTILLATES PETROLEUM HYDROCARBON LIGHT

Detergent labelling
≥ 30% aliphatic hydrocarbons, 5 - < 15% non-ionic surfactants

2.3. Other hazards
This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>DISTILLATES PETROLEUM HYDROCARBON LIGHT</th>
<th>60-100%</th>
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<tbody>
<tr>
<td>CAS number: 64742-47-8</td>
<td>EC number: 926-141-6</td>
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<tr>
<td>Classification</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
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<td>Asp. Tox. 1 - H304</td>
<td>Xn;R65. R66.</td>
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<td>REACH registration number: 01-2119456620-43-XXXX</td>
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<th>ISO-BUTANOL</th>
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<td>CAS number: 78-83-1</td>
<td>EC number: 201-148-0</td>
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<td>Classification</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
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<tr>
<td>Flam. Liq. 3 - H226</td>
<td>R10 Xi;R37/38 R41 R67</td>
</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
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</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
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</tr>
<tr>
<td>STOT SE 3 - H335, H336</td>
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<td>REACH registration number: 01-2119484609-23-0000</td>
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</tbody>
</table>

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion
Never give anything by mouth to an unconscious person. Do not induce vomiting. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Skin contact
Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact
Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders
First aid personnel should wear appropriate protective equipment during any rescue.
Swarfega Duck Oil

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

Inhalation  Nausea, vomiting. Vapours may cause drowsiness and dizziness. Upper respiratory irritation.

Ingestion  Diarrhoea. Fumes from the stomach contents may be inhaled resulting in the same symptoms as inhalation. Nausea, vomiting.

Skin contact  Prolonged contact may cause redness, irritation and dry skin.

Eye contact  Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

Notes for the doctor  No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media  Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media  Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products  Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting  No specific firefighting precautions known.

Special protective equipment for firefighters  Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions  Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions  Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up  Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections  For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions  Avoid spilling. Provide adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions  Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)
Swarfega Duck Oil

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ISO-BUTANOL

Long-term exposure limit (8-hour TWA): WEL 50 ppm  154 mg/m³
Short-term exposure limit (15-minute):  WEL 75 ppm  231 mg/m³
WEL = Workplace Exposure Limit

Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64741-88-4)

DNEL

Workers - Inhalation; Long term local effects: 5.4 mg/m³
Consumer - Inhalation; Long term local effects: 1.2 mg/m³

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

This product must not be handled in a confined space without adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Use protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Wear protective gloves made of the following material: SPECIFIC RECOMMENDATIONS. Nitrile rubber. Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber).

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash promptly with soap and water if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid

Colour Brown.

Odour Characteristic.

Odour threshold Not determined.

pH Scientifically unjustified.

Melting point Not determined.

Initial boiling point and range Not determined.
Swarfega Duck Oil

Flash point 70 deg C
Evaporation rate Not determined.
Upper/lower flammability or explosive limits Not determined.
Vapour pressure Not determined.
Vapour density Not determined.
Relative density Not determined.
Solubility(ies) Insoluble in water
Partition coefficient Not determined.
Auto-ignition temperature Not determined.
Decomposition Temperature Not determined.
Viscosity Not determined.
Explosive properties Not determined.
Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information
Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions Not relevant.

10.4. Conditions to avoid
Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials
Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Hazardous decomposition products Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO), Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Respiratory Sensitisation
Eye Irritation/Damage
Skin Sensitisation
Swarfega Duck Oil

**Acute toxicity - dermal**
Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

**Acute toxicity - inhalation**
Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

**Skin corrosion/irritation**
Animal data Based on available data the classification criteria are not met.

**Serious eye damage/irritation**
Based on available data the classification criteria are not met.

**Respiratory sensitisation**
Based on available data the classification criteria are not met.

**Skin sensitisation**
Based on available data the classification criteria are not met.

**Germ cell mutagenicity**
Genotoxicity - in vivo Based on available data the classification criteria are not met.

**Carcinogenicity**
Does not contain any substances known to be carcinogenic.

**Reproductive toxicity**
Reproductive toxicity - development Does not contain any substances known to be toxic to reproduction.

**Specific target organ toxicity - single exposure**
STOT - single exposure No information available.

**Specific target organ toxicity - repeated exposure**
STOT - repeated exposure No information available.

**Inhalation**
Prolonged inhalation of high concentrations may damage respiratory system.

**Ingestion**
Harmful: may cause lung damage if swallowed. Nausea, vomiting. Diarrhoea.

**Skin contact**
Prolonged contact may cause dryness of the skin.

**Eye contact**
May cause temporary eye irritation.

**Toxicological information on ingredients.**

**DISTILLATES PETROLEUM HYDROCARBON LIGHT**

**Acute toxicity - oral**

<table>
<thead>
<tr>
<th>Acute toxicity oral (LD₅₀ mg/kg)</th>
<th>5,000.0</th>
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</thead>
</table>

**Acute toxicity - dermal**

<table>
<thead>
<tr>
<th>Acute toxicity dermal (LD₅₀ mg/kg)</th>
<th>5,000.0</th>
</tr>
</thead>
</table>

**Acute toxicity - Inhalation**

<table>
<thead>
<tr>
<th>Notes (inhalation LC₅₀)</th>
<th>LC50 (8h) &gt;5000mg/m³ rat OECD 403</th>
</tr>
</thead>
</table>

Skin corrosion/irritation
Swarfega Duck Oil

Animal data
Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1).

Serious eye damage/irritation
Serious eye damage/irritation
Based on available data the classification criteria are not met.

Respiratory sensitisation
Respiratory sensitisation
Guinea pig: Not sensitising.

Skin sensitisation
Skin sensitisation
Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. Repeated exposure may cause skin dryness or cracking.

Germ cell mutagenicity
Genotoxicity - in vitro
Genome mutation: Negative.

Genotoxicity - In vivo
Based on available data the classification criteria are not met.

Carcinogenicity
Carcinogenicity
NOAEC >= 2200/1100 mg/m³, .

Reproductive toxicity
Reproductive toxicity - fertility
- NOAEL 750 mg/kg/day, Oral, Rat F1

Reproductive toxicity - development
- NOAEL: >= 5220 mg/m³, Inhalation, Rat

Specific target organ toxicity - single exposure
STOT - single exposure
Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure
Based on available data the classification criteria are not met.

Aspiration hazard
Aspiration hazard
May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

Ecotoxicity
Not regarded as dangerous for the environment.

12.1. Toxicity
Toxicity
The product is not expected to be hazardous to the environment.

Acute toxicity - terrestrial
Not known.

Ecological information on ingredients:

DISTILLATES PETROLEUM HYDROCARBON LIGHT

Acute toxicity - fish
LC₅₀, 96 hours: >1000 mg/l, Fish

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours: >1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants
IC₅₀, 72 hours: >1000 mg/l, Algae
Swarfega Duck Oil

Acute toxicity - microorganisms
EL50, 48 hour: >10000 mg/l,

Chronic toxicity - aquatic invertebrates
21 days: 1.22 mg/l, Daphnia magna

12.2. Persistence and degradability
Persistence and degradability
There are no data on the degradability of this product.

12.3. Bioaccumulative potential
Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient
Not determined.

12.4. Mobility in soil
Mobility
The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment
This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects
Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
General information
Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 14: Transport information

General
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

Road transport notes
Not classified.

Rail transport notes
Not classified.

Sea transport notes
Not classified.

Air transport notes
Not classified.

14.1. UN number
Not applicable.

14.2. UN proper shipping name
Not applicable.

14.3. Transport hazard class(es)
Not applicable.

Transport labels
Swarfega Duck Oil

14.4. Packing group
Not applicable.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation
Dangerous Substances Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.
System of specific information relating to Dangerous Preparations. 2001/58/EC.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

General information
Only trained personnel should use this material.

Key literature references and sources for data
Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.

Revision comments
SDS amended in line with REGULATION (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as amended)

Revision date
28/01/2016

Revision
5

Supersedes date
14/05/2015
Swarfega Duck Oil

Risk phrases in full
R10 Flammable.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Notes for Risk Phrases and Hazard Statements in Full
The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.