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

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) 0844 8920111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
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.

Contains
DISTILLATES PETROLEUM HYDROCARBON LIGHT

Supplementary precautionary statements
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.

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

SECTION 3: Composition/information on ingredients

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.

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.
### Swarfega Duck Oil

#### 5.3. Advice for firefighters

<table>
<thead>
<tr>
<th>Protective actions during firefighting</th>
<th>No specific firefighting precautions known.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special protective equipment for firefighters</td>
<td>Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.</td>
</tr>
</tbody>
</table>

#### 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. Avoid contact with skin and eyes. 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) |
|--------------------------|---------------------------------------------|
| 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 |
|-------------------------|---------------------------------------------|
| 8.2. Exposure controls |
| Protective equipment | The following protection should be worn: Chemical splash goggles. |

| Appropriate engineering controls |
|----------------------------------|---------------------------------------------|
| Eye/face 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). |

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

| Other skin and body protection | This product must not be handled in a confined space without adequate ventilation. |

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Swarfega Duck Oil

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Brown</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>Scientifically unjustified.</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Flash point</td>
<td>70 deg C°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Does not meet the criteria for classification as oxidising.</td>
</tr>
</tbody>
</table>

9.2. Other information

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.
Swarfega Duck Oil

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


SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not determined.

Skin corrosion/irritation

Animal data

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

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.

SECTION 12: Ecological Information

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity

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

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
Acute toxicity - terrestrial  Not known.

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. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

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.
Swarfega Duck Oil

Transport labels

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 MARPOL73/78 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
14/05/2015

Revision
1

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 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.