



## SAFETY DATA SHEET Sterling Maintenance Oil

According to Regulation (EC) No 1907/2006, Annex II

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

#### 1.1. Product identifier

**Product name** Sterling Maintenance Oil  
**Product number** SA1762

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

**Identified uses** Car maintenance product. Universal lubricant. Releasing agent.

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Sanglier Limited  
Shelley Close  
Lowmoor Business Park  
Kirkby in Ashfield  
NG17 7JZ  
Tel: 01623 72261 (Mon-Fri 09:00-17:00)  
Fax: 01623885971  
Email: Technical@sanglier.org.uk

#### 1.4. Emergency telephone number

**Emergency telephone** UK +44 (0) 1623 722661 (Mon-Fri; 09:00-17:00)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Aerosol 1 - H222, H229  
**Health hazards** Not Classified  
**Environmental hazards** Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Pictogram



**Signal word** Danger

**Hazard statements** H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated  
H412 Harmful to aquatic life with long lasting effects.

## Sterling Maintenance Oil

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P273 Avoid release to the environment.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/ container in accordance with national regulations.

**Supplemental label information**

EUH208 Contains Fragrance 340246. May produce an allergic reaction.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. In use may form flammable/explosive vapour-air mixture.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|  |   |
|--|---|
| <b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b> | <b>30-60%</b>                               |
| CAS number: 68476-85-7                           | EC number: 270-704-2                        |
| <b>Classification</b>                            |   |
| Flam. Gas 1 - H220                               |   |
| Press. Gas, Liquefied - H280                     |   |
| <b>ODOURLESS KEROSENE</b>                        | <b>30-60%</b>                               |
| CAS number: 64742-47-8                           | EC number: 265-149-8                        |
|  | REACH registration number: 01-2119484819-18 |
| <b>Classification</b>                            |   |
| Asp. Tox. 1 - H304                               |   |
| <b>Naptha (Petroleum) Hydrotreated Heavy</b>     | <b>5-10%</b>                                |
| CAS number: 64742-82-1                           | EC number: 265-185-4                        |
|  | REACH registration number: 01-2119490979-12 |
| <b>Classification</b>                            |   |
| Flam. Liq. 3 - H226                              |   |
| Skin Irrit. 2 - H315                             |   |
| STOT SE 3 - H336                                 |   |
| Asp. Tox. 1 - H304                               |   |
| Aquatic Chronic 2 - H411                         |   |

## Sterling Maintenance Oil

|   |                      |
|---|----------------------|
| <b>TURPENTINE, OIL</b>  | <b>&lt;1%</b>        |
| CAS number: 8006-64-2   | EC number: 232-350-7 |
| <b>Classification</b><br>Flam. Liq. 3 - H226<br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H312<br>Acute Tox. 4 - H332<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Skin Sens. 1 - H317<br>Asp. Tox. 1 - H304<br>Aquatic Chronic 2 - H411 |                      |

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

**Composition comments** CAS 68476-85-7 Petroleum gases - as the substance contains less than 0.1%w/w 1,3-butadiene the full harmonised classification regarding Muta. 1B H340 and Carc. 1A H350 does not apply.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |   |
|----------------------------|---|
| <b>General information</b> | Move affected person to fresh air at once.  |
| <b>Inhalation</b>          | Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.                                  |
| <b>Ingestion</b>           | Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.   |
| <b>Skin contact</b>        | Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.  |
| <b>Eye contact</b>         | Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention promptly if symptoms occur after washing. |

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

|                            |  |
|----------------------------|--|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. |
| <b>Inhalation</b>          | In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.                                    |
| <b>Ingestion</b>           | Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation. Risk of lung aspiration due to low viscosity of product. There may be soreness and redness of the mouth and throat.  |
| <b>Skin contact</b>        | Repeated exposure may cause skin dryness or cracking. Product contains tiny quantities of a substance which in particularly sensitive persons may cause an allergic reaction.                                      |
| <b>Eye contact</b>         | Prolonged contact may cause redness and/or tearing.  |

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

**Notes for the doctor** Show this safety data sheet to the doctor in attendance.

### SECTION 5: Firefighting measures

## Sterling Maintenance Oil

### 5.1. Extinguishing media

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

**Unsuitable extinguishing media** Do not use a solid water stream.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Pressurised container: Must not be exposed to temperatures above 50°C. Extremely flammable. Forms explosive mixtures with air. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Use water spray to reduce vapours. Containers can burst violently or explode when heated, due to excessive pressure build-up. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

**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** Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray/mists. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight. Do not expose to temperatures exceeding 50°C/122°F. Do not pierce or burn, even after use.

**Storage class** Extremely Flammable Aerosol

### 7.3. Specific end use(s)

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

## Sterling Maintenance Oil

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

#### **PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

#### **TURPENTINE, OIL**

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

|   |   |
|---|---|
| <b>Appropriate engineering controls</b> | Provide adequate ventilation.   |
| <b>Personal protection</b>              | Wear protective work clothing.  |
| <b>Eye/face protection</b>              | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.  |
| <b>Hand protection</b>                  | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. 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. |
| <b>Other skin and body protection</b>   | Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.<br>Wear suitable gloves if prolonged or repeated skin contact is likely  |
| <b>Hygiene measures</b>                 | Ensure suitable ventilation of area. When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated.   |
| <b>Respiratory protection</b>           | No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn.   |
| <b>Thermal hazards</b>                  | Not applicable  |

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

|  |  |
|--|--|
| <b>Appearance</b>                      | Aerosol container containing a mixture of active ingredients, solvents and propellants |
| <b>Colour</b>                          | Colourless to pale yellow.   |
| <b>Odour</b>                           | Pleasant, agreeable.   |
| <b>Odour threshold</b>                 | No information available.  |
| <b>pH</b>                              | No information available.  |
| <b>Melting point</b>                   | No information available.  |
| <b>Initial boiling point and range</b> | No information available.  |
| <b>Flash point</b>                     | Scientifically unjustified.  |
| <b>Evaporation rate</b>                | Not available.   |
| <b>Evaporation factor</b>              | No information available.  |

## Sterling Maintenance Oil

|   |   |
|---|---|
| <b>Flammability (solid, gas)</b>                    | No information required.  |
| <b>Upper/lower flammability or explosive limits</b> | A flash point method is not available but the major hazardous component, the Propellant has a flash point of <-60°C with flammability limits of 10.9% vol. upper and 1.4% vol. lower. |
| <b>Other flammability</b>                           | No information required.  |
| <b>Solubility(ies)</b>                              | Insoluble in water.   |
| <b>Auto-ignition temperature</b>                    | Not available.  |
| <b>Decomposition Temperature</b>                    | No information available.   |
| <b>Explosive properties</b>                         | Not considered to be explosive.   |
| <b>Oxidising properties</b>                         | Does not meet the criteria for classification as oxidising.   |

### 9.2. Other information

**Other information** Not available.

## 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 and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No known hazardous reactions if stored under normal conditions. Will not polymerise.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** In combustion emits toxic fumes

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                            |  |
|----------------------------|--|
| <b>General information</b> | Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.   |
| <b>Inhalation</b>          | High exposures may cause an abnormal heart rhythm and prove suddenly fatal. Very high atmospheric concentrations may cause anaesthetic effects and asphyxiation.   |
| <b>Ingestion</b>           | Ingestion may cause similar symptoms to that of inhalation.  |
| <b>Skin contact</b>        | Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking. The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals. |
| <b>Eye contact</b>         | Vapour or spray in the eyes may cause irritation and smarting.   |

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|   |  |
|---|--|
| <b>Acute and chronic health hazards</b> | Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Arrhythmia (deviation from normal heart beat). |
| <b>Route of entry</b>                   | Inhalation   |
| <b>Target organs</b>                    | Central nervous system Respiratory system, lungs   |
| <b>Medical symptoms</b>                 | Narcotic effect. Vapours may cause drowsiness and dizziness.   |

### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** >20 mg/l, Inhalation, Rat

#### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** This substance has no evidence of mutagenic properties.

#### Carcinogenicity

**Carcinogenicity** No evidence of carcinogenicity in animal studies.

#### Reproductive toxicity

**Reproductive toxicity - fertility** No evidence of reproductive toxicity in animal studies.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Gas or vapour is harmful on prolonged exposure or in high concentrations. High concentrations may be fatal.

#### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

#### **Inhalation**

May cause respiratory system irritation.

#### **Skin contact**

Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

#### **Route of entry**

Inhalation Skin and/or eye contact

### ODOURLESS KEROSENE

#### Respiratory sensitisation

**Respiratory sensitisation** Not sensitising.

#### Skin sensitisation

**Skin sensitisation** Not sensitising.

#### Aspiration hazard

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

#### **Skin contact**

Prolonged and frequent contact may cause redness and irritation.

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**Eye contact** The product is not believed to present a hazard due to its physical nature.

### SECTION 12: Ecological Information

#### ODOURLESS KEROSENE

**Ecotoxicity** The product components are not classified as environmentally hazardous.

#### 12.1. Toxicity

**Toxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

**Toxicity** Not regarded as dangerous for the environment.

#### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

#### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

**Persistence and degradability** The product is degraded completely by photochemical oxidation.

#### 12.3. Bioaccumulative potential

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

#### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

**Bioaccumulative potential** Bioaccumulation is unlikely.

#### 12.4. Mobility in soil

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

#### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not determined

#### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### ODOURLESS KEROSENE

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects



## Sterling Maintenance Oil

**Other adverse effects**                      None known.

**Ozone depletion potential**

**Global warming potential  
(GWP)**

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods**                      Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not puncture or incinerate, even when empty. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Waste class**                              Full or Partially Empty Aerosol: 16 05 04, Empty Aerosol: 15 01 10 (Containing hazardous residues). Empty Aerosol: 15 01 04 (No hazardous residues).

### SECTION 14: Transport information

#### 14.1. UN number

**UN No. (ADR/RID)**                      1950

**UN No. (IMDG)**                         1950

**UN No. (ICAO)**                         1950

#### 14.2. UN proper shipping name

**Proper shipping name  
(ADR/RID)**                              AEROSOLS

**Proper shipping name (IMDG)**      AEROSOLS

**Proper shipping name (ICAO)**      AEROSOLS

**Proper shipping name (ADN)**      AEROSOLS

#### 14.3. Transport hazard class(es)

**ADR/RID class**                         2, 5F

**ADR/RID label**                         2.1

**IMDG class**                              2.1

**ICAO class/division**                 2.1

#### **Transport labels**



#### 14.4. Packing group

**ADR/RID packing group**              #

**IMDG packing group**                 #

**ICAO packing group**                 #

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

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### 14.6. Special precautions for user

**IMDG Code segregation group** SG69

**EmS** F-D, S-U

**Tunnel restriction code** (D)

### 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

**National regulations** The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).  
Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance** Workplace Exposure Limits EH40.

**Authorisations (Title VII Regulation 1907/2006)** No specific authorisations are known for this product.

**Restrictions (Title VIII Regulation 1907/2006)** No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Classification procedures according to Regulation (EC) 1272/2008** Aerosol 1 - H222, H229: Weight of evidence. Aquatic Chronic 3 - H412: Calculation method.

**Issued by** Technical Department

**Revision date** 18/01/2017

**Revision** 5

**Supersedes date** 02/10/2014

**SDS number** 11247

## Sterling Maintenance Oil

### Hazard statements in full

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H226 Flammable liquid and vapour.  
H229 Pressurised container: may burst if heated  
H280 Contains gas under pressure; may explode if heated.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.