



## SAFETY DATA SHEET

SOLSTRIKE

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Compilation date: 22/03/2016

Revision date: 28/11/2016

Revision No: 1

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

#### 1.1. Product identifier

Product name: SOLSTRIKE

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

Use of substance / mixture: PC24: Lubricants, greases, release products.

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

Company name: Solco  
Unit 51  
Portmanmoor Road Ind Est  
Ocean Park  
Cardiff  
CF24 5HB  
United Kingdom

Tel: 02920 495 555

Fax: 02920 491 700

Email: enquiries@solco.co.uk

#### 1.4. Emergency telephone number

Emergency tel: 02920 495 555  
(office hours only)

### Section 2: Hazards identification

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

Classification under CLP: Asp. Tox. 1: H304; Aquatic Chronic 3: H412

Most important adverse effects: May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

Label elements:

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

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS08: Health hazard



Signal words: Danger

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**Precautionary statements:** P273: Avoid release to the environment.

P281: Use personal protective equipment as required.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331: Do NOT induce vomiting.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405: Store locked up.

P501: Dispose of contents/container to licensed waste disposal site.

## 2.3. Other hazards

**Other hazards:** Toxic if swallowed.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC -

REACH registered number(s): 01-2119480375-34-0010

| EINECS    | CAS        | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|--------------------|---------|
| 265-156-6 | 64742-53-6 | -         | -                  | >90%    |

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. If conscious, ensure the casualty sits or lies down. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be shortness of breath due to congestion of the lungs. May cause drowsiness.

[cont...]

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**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water fog. Carbon dioxide. Dry chemical powder. Alcohol or polymer foam. Use water spray to cool containers.

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

**Exposure hazards:** Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentrations.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid. Evacuate the area immediately. If outside keep bystanders upwind and away from danger point.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Mix with sand or vermiculite. Wash the spillage site with large amounts of water. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of mists in the air. Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in a cool, well ventilated area. Ensure storage room has retention walls. The floor of the storage room must be impermeable to prevent the escape of liquids. Keep container tightly closed.

**Suitable packaging:** Steel drums. If original container can not be used, then use steel or polyethylene drums/barrels.

## 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA          | 15 min. STEL         | 8 hour TWA | 15 min. STEL |
|-------|---------------------|----------------------|------------|--------------|
| EU    | 5 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | -          | -            |

### DNEL/PNEC Values

**SOLSTRIKE**

| Type | Exposure   | Value                | Population | Effect |
|------|------------|----------------------|------------|--------|
| DNEL | Inhalation | 5.4mg/m <sup>3</sup> | Workers    | Local  |

**Hazardous ingredients:**

**BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC**

| Type | Exposure                 | Value                    | Population | Effect |
|------|--------------------------|--------------------------|------------|--------|
| DNEL | Inhalation               | 5.4mg/m <sup>3</sup> /8h | -          | -      |
| PNEC | Oral-secondary poisoning | 9.33 mg/kg               | -          | -      |

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids. Ensure lighting and electrical equipment are not a source of ignition. Ensure storage room has retention walls.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Nitrile gloves. Neoprene gloves.

**Eye protection:** Safety glasses with side-shields. Safety goggles.

**Skin protection:** Boots. Protective clothing. Protective clothing with elasticated cuffs and closed neck.

**Environmental:** The floor of the storage room must be impermeable to prevent the escape of liquids. Ensure storage room has retention walls. Storage should be placed inside a fully

[cont...]

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bunded area of sufficient size to contain the volume plus 10%. Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Gold-brown

**Odour:** Characteristic odour

**Evaporation rate:** Negligible

**Oxidising:** No data available.

**Solubility in water:** Insoluble

**Viscosity:** Non-viscous

**Kinematic viscosity:** 8-13c/ST

**Viscosity test method:** Kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40°C (ISO 3104/3105)

**Boiling point/range°C:** 250 - 420

**Melting point/range°C:** Not applicable.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** 135

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** >250

**Vapour pressure:** No data available.

**Relative density:** 0.881

**pH:** No data available.

**VOC g/l:** Not applicable.

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

| Route   | Species | Test | Value | Units |
|---------|---------|------|-------|-------|
| ORAL    | RAT     | LD50 | >5000 | mg/kg |
| VAPOURS | RAT     | LC50 | >5    | mg/l  |
| DERMAL  | RBT     | LD50 | >5000 | mg/kg |

#### Hazardous ingredients:

##### BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC

|           |     |      |       |         |
|-----------|-----|------|-------|---------|
| DERMAL    | RAT | LD50 | >5000 | mg/kg   |
| DUST/MIST | RAT | LC50 | >5    | mg/l/8h |
| ORAL      | RAT | LD50 | >5000 | mg/kg   |

#### Relevant hazards for product:

| Hazard            | Route | Basis                 |
|-------------------|-------|-----------------------|
| Aspiration hazard | -     | Hazardous: calculated |

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be shortness of breath due to congestion of the lungs. May cause drowsiness.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

| Species                    | Test     | Value  | Units |
|----------------------------|----------|--------|-------|
| Daphnia magna              | 48H EC50 | >10000 | mg/l  |
| Daphnia pulex (water flea) | 48H EC50 | 1.44   | mg/l  |
| ALGAE                      | 48H IC50 | >100   | mg/l  |
| FISH                       | 96H LC50 | >100   | mg/l  |

[cont...]

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## Hazardous ingredients:

### BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC

|               |          |        |      |
|---------------|----------|--------|------|
| ALGAE         | 48H IC50 | 100    | mg/l |
| Daphnia magna | 48H EC50 | 10,000 | mg/l |
| FISH          | 96H LC50 | 100    | mg/l |

## 12.2. Persistence and degradability

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Slightly bioaccumulable.

## 12.4. Mobility in soil

**Mobility:** Insoluble in water. Floats on water. Readily absorbed into soil.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

[cont...]

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**Phrases used in s.2 and s.3:** H304: May be fatal if swallowed and enters airways.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.