

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name:** SOLWASH

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based 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:** Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304

**Most important adverse effects:** Highly flammable liquid and vapour. Causes skin irritation. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

**2.2. Label elements****Label elements:**

**Hazard statements:** H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard



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**Signal words:** Danger

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

P271: Use only outdoors or in a well-ventilated area.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a doctor.

P331: Do NOT induce vomiting.

P370+378: In case of fire: Use alcohol resistant foam or normal protein foam for to extinguish.

P312: Call a doctor if you feel unwell.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P403+235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container to authorised chemical landfill or to high temperature incineration.

## 2.3. Other hazards

**Other hazards:** Flammable.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Non-classified ingredients:

KEROSENE - UNSPECIFIED - KEROSENE (PETROLEUM), HYDRODESULPHURIZED - REACH registered number (s): 01-2119485517-27-XXXX

EINECS	CAS	CHIP Classification	CLP Classification	Percent
232-366-4	8008-20-6	-	Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H336	30-50%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. 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. Consult a doctor.

**Ingestion:** Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

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**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Consult a doctor.

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

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

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

May be fatal if swallowed and enters airways

**Ingestion:**

**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 long-term exposure.

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance. In case of shortness of breath, give oxygen. Keep under medical supervision for at least 48 hours.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

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

**Exposure hazards:** Flammable. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

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

**Clean-up procedures:** Absorb into dry earth or sand. Mix with sand or vermiculite. Do not use equipment in clean-up procedure which may produce sparks. Transfer to a closable, labelled salvage

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container for disposal by an appropriate method. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

## 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space.  
Earth any equipment used in handling. Use non-sparking tools. Smoking is forbidden.  
Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Ensure storage room has retention walls. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Workplace exposure limits:

#### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	200mg/m <sup>3</sup>	-	-	-

### DNEL/PNEC Values

#### SOLWASH

Type	Exposure	Value	Population	Effect
DNEL	Oral	18.8 mg/kg	Consumers	-
DNEL	Dermal	44 mg/kg/day	Workers	-
DNEL	Inhalation	330mg/mg/kg/day	Workers	-
DNEL	Dermal	26 mg/kg/day	Consumers	-
DNEL	Inhalation	71 mg.m <sup>3</sup>	Consumers	-
DNEL	Oral	26 mg/kg,day	Consumers	-

### 8.2. Exposure controls

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

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**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Nitrile gloves. Rubber gloves. Breakthrough time of the glove material > 8 hours.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Solvent resistant protective clothing. PVC apron. Ensure safety shower is to hand.

**Environmental:** Ensure storage room has retention walls. The floor of the storage room must be impermeable to prevent the escape of liquids. Storage should be placed inside a fully bunded area of sufficient size to contain the volume plus 10%. Prevent from entering in public sewers or the immediate environment. Ensure emissions from ventilation or equipment comply with environmental protection legislation.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Yellow

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Oxidising:** No data available.

**Solubility in water:** No data available.

**Viscosity:** Non-viscous

**Boiling point/range°C:** 140-300

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

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

**upper:** No data available.

**Flash point°C:** >30

**Part.coeff. n-octanol/water:** Not applicable.

**Autoflammability°C:** >200

**Vapour pressure:** >1

**Relative density:** 0.877 @15.6C

**pH:** Not applicable.

**VOC g/l:** 88

### 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:** No data available.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames. Direct sunlight.

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## 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.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	>3400	mg/kg
ORAL	RAT	LD50	>1500	mg/kg
VAPOURS	RAT	4H LC50	13.1	mg/l

#### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

### Symptoms / routes of exposure

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

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

**Ingestion:** May be fatal if swallowed and enters airways

**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 long-term exposure.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
FISH	96H LC50	10 - 30	mg/l
Daphnia magna	48H EC50	10 - 22	mg/l
ALGAE	72H IC50	4.6 - 10	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

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## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** Insoluble in water.

## 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:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and 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

### 14.1. UN number

**UN number:** UN1992

### 14.2. UN proper shipping name

**Shipping name:** FLAMMABLE LIQUID, TOXIC N.O.S.  
(HYDROCARBONS C9-12, N-ALKANES, ISOALKANES, CYCLIC AROMATICS (2-25%);  
KEROSENE - UNSPECIFIED - KEROSENE (PETROLEUM), HYDRODESULPHURIZED)

### 14.3. Transport hazard class(es)

**Transport class:** 3 (6.1)

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** (D/E)

## Section 15: Regulatory information

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

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## 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.

**Phrases used in s.2 and s.3:** H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic 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.