

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

**Product name:** SURFACE CLEANER

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

**Company name:** Rustins Ltd

Waterloo Road

Cricklewood

London

NW2 7TX

United Kingdom

**Tel:** +44 (0)208 450 4666

**Fax:** +44 (0)208 452 2008

**Email:** rustins@rustins.co.uk

**1.4. Emergency telephone number****Section 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification under CHIP:** -: R10; Xi: R36; -: R66

**Classification under CLP:** Eye Irrit. 2: H319; Flam. Liq. 3: H226

**Most important adverse effects:** Flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.

**2.2. Label elements****Label elements under CLP:**

**Hazard statements:** H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

**Signal words:** Warning

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



**Precautionary statements:** P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water.

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P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+378: In case of fire: Use carbon dioxide for extinction.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

### Label elements under CHIP:

**Hazard symbols:** Irritant.



**Risk phrases:** R10: Flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

BUTYL DIGLYCOL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	112-34-5	Xi: R36	-	20.000%

## 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. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately.

**Inhalation:** If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. Move to fresh air in case of accidental inhalation of vapours.

### 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.

**Ingestion:** There may be shortness of breath due to congestion of the lungs. There may be vomiting.

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

[cont...]

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

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** DO NOT USE WATER. Small Fires: Carbon dioxide (CO<sub>2</sub>). Dry chemical powder. Alcohol resistant foam. Large Fires: Alcohol resistant foam or water fog.

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

**Exposure hazards:** Flammable. The vapour is heavier than air and may travel along the ground, collect in work pits and cellars, creating a fire and respiratory hazard. In combustion emits toxic fumes of carbon monoxide, carbon dioxide and smoke.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Exposure to decomposition products may be a hazard to health. Wear appropriate self-contained breathing apparatus. Cool closed containers exposed to fire with water spray. Do NOT allow run-off from fire fighting to enter drains or water courses.

## Section 6: Accidental release measures

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

**Personal precautions:** Ventilate the area. No Smoking. Avoid contact with eyes, skin and clothes. Note that spillages constitute a slippage hazard. The vapour is heavier than air and may collect in confined areas creating a respiratory and explosion hazard. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes contact the relevant environment agency.

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

**Clean-up procedures:** Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite. Transfer into a suitable container for disposal in accordance with the waste regulations (see section 13) Do not use equipment in clean-up procedure which may produce sparks. Clean preferably with a detergent, avoid the use of solvents.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid inhalation of vapour. Avoid skin

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and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. Skin contact constitutes the most pronounced hazard. Persons with a history of skin sensitisation problems should only be employed in processes in which this product is used under appropriate medical supervision.

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

**Storage conditions:** Store in cool, well ventilated area. Keep away from direct sunlight. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. Take precautionary measures to prevent product spills into drains, the ground or waters. Although the storage of this product is not subject to specific statutory requirements, the principles contained in the HSE guidance note Storage of Flammable Liquids in containers, should be observed.

**Suitable packaging:** Ideally, keep in original container. If transfer is necessary use glass or coated steel containers. Do not use plastic containers.

### 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn (see Respiratory protection below).

**Respiratory protection:** If there is a risk of exposure to high vapour concentrations, use respiratory protective equipment. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

**Hand protection:** Where repeated skin exposure may occur, wear PVC or Nitrile gloves.

**Eye protection:** Eye protection designed to protect against liquid splashes should be worn. Ensure eye bath is to hand.

**Skin protection:** Overalls are normally suitable, PVC apron if risk of splashing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

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## Section 9: Physical and chemical properties

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

**State:** Liquid

**Odour:** Paraffinic.

**Solubility in water:** Insoluble

**Viscosity:** Non-viscous

**Boiling point/range °C:** 160

**Flash point °C:** 23 - 55

**Relative density:** 0.870@20 C

**pH:** Approx. 7

### 9.2. Other information

**Other information:** No data available.

## 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.

### 10.4. Conditions to avoid

**Conditions to avoid:** Avoid heat, flames and sparks.

### 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

#### Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	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:** There may be shortness of breath due to congestion of the lungs. There may be vomiting.

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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.

**Other information:** Not applicable.

### Section 12: Ecological information

#### 12.1. Toxicity

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability:** Expected to be biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** There is no data available on the product itself.

#### 12.4. Mobility in soil

**Mobility:** Volatile. Immiscible in water. Partly evaporates from water or soil surfaces. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

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

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

#### 12.6. Other adverse effects

**Other adverse effects:** Toxic to aquatic organisms.

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

**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:** UN1263

#### 14.2. UN proper shipping name

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

**Transport class:** 3

#### 14.4. Packing group

**Packing group:** III

#### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** Yes

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## 14.6. Special precautions for user

## Section 15: Regulatory information

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

### 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 453/2010.

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

**Phrases used in s.2 and 3:** H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

R10: Flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

**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.