



SAFETY DATA SHEET
SURFACE CLEANER

Page 1
Issued: 31/07/04
Revision No: 2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: SURFACE CLEANER
Product code: SURC
Synonyms: SURFACE CLEANER
Company name: Rustins Ltd
Waterloo Road
Cricklewood
London
NW2 7TX
United Kingdom
Tel: +44 (0)208 450 4666
Fax: +44 (0)208 452 2008
Emergency tel: +44 (0)208 205 8709

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: NAPHTHA (PETROLEUM) HYDROTREATED HEAVY 50-70%
CAS: 64742-48-9
EINECS: 265-150-3
[Xn] R65; [Xi] R66; [-] R67
• BUTYL DIGLYCOL 10-30%
CAS: 112-34-5
[Xi] R36

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Irritating to eyes. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Irritation. Repeated or prolonged contact may cause defatting of the skin leading to irritation and dermatitis.

Eye contact: Irritation.

Ingestion: Nausea, vomiting, dizziness and unconsciousness. Aspiration into the lungs after ingestion will cause severe lung damage and may cause fatal pneumonitis.

Inhalation: Drowsiness, nausea, dizziness and loss of consciousness.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Do NOT use solvents or thinners. If irritation persists seek medical attention.

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SAFETY DATA SHEET

SURFACE CLEANER

- Eye contact:** Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. If irritation persists seek medical attention.
- Ingestion:** If accidentally swallowed, wash mouth out with water. Do not induce vomiting, keep at rest and obtain medical attention. If patient vomits, place in the recovery position. If conscious give water to drink.
- Inhalation:** Remove to fresh air, keep the patient warm and at rest. If unconscious give nothing by mouth, place in the recovery position and seek medical attention.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** DO NOT USE WATER. Small Fires: Carbon dioxide (CO₂). Dry chemical powder. Alcohol resistant foam. Sand or earth. Large Fires: Alcohol resistant foam or water fog.
- 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 dioxide / carbon monoxide.
- Protection of 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.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Ventilate the area. Eliminate all sources of ignition. No Smoking. Avoid contact with skin and eyes. Avoid inhaling vapour. Do not attempt to take action without suitable protective clothing (see section 8). 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.
- 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.
- 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.

7. HANDLING AND STORAGE

- Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid inhalation of vapour. Avoid skin 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. Exclude sources of heat, sparks and open flame. Earth any equipment used in handling. Use non-sparking tools.

SAFETY DATA SHEET
SURFACE CLEANER

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Exclude sources of heat, sparks and open flame. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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 Nitrile gloves. Wash hands thoroughly after handling chemicals.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Blue

Odour: Aromatic

Solubility in water: Partially miscible.

Boiling point/range°C: 160-175

Flash point°C: 42

Relative density: 0.870 @ 20 C

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Flames. Sources of ignition.

Materials to avoid: Strong oxidising agents.

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

SAFETY DATA SHEET

SURFACE CLEANER

11. TOXICOLOGICAL INFORMATION

Routes of exposure: This product has not been tested for toxicity. The toxicological properties given in this section are based on those of the solvents. Prolonged skin contact will have a defatting effect, which may lead to irritation and possibly dermatitis. Vapour irritates the eyes and the respiratory tract. Swallowing may cause lung damage. Risk of severe pulmonary problems in case of accidental aspiration.

12. ECOLOGICAL INFORMATION

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.

Persistence and degradability: Expected to be biodegradable.

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

Other adverse effects: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1263 **ADR Class:** 3
Labelling: 3 **Hazard ID no:** 30

**IMDG / IMO**

UN no: 1263 **Class:** 3
Packing group: III **EmS:** 3-05
Marine pollutant: YES **Labelling:** 3

IATA / ICAO

UN no: 1263 **Class:** 3
Packing group: III **Packing instructions:** 310
Labelling: 3

SAFETY DATA SHEET
SURFACE CLEANER**15. REGULATORY INFORMATION**

Hazard symbols: Harmful.



Risk phrases: R10: Flammable.
R36: Irritating to eyes.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S23: Do not breathe fumes.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions. Safety Data Sheet complies with UK regulatory references in accordance with CHIP 3.

16. OTHER INFORMATION

Risk phrases used in s.2: R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
R36: Irritating to eyes.

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. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.