



SAFETY DATA SHEET

TURPENTINE PURE

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Issued: 31/07/04

Revision No: 2

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

Product name: TURPENTINE PURE

Product code: PURT

Synonyms: TURPENTINE

Company name: Rustins Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: GUM TURPENTINE >90%

[-] R10; [Xn] R20/21/22; [Xi] R36/38; [Sens.] R43; [N] R51/53; [Xn] R65

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

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: May cause stomach pain, nausea and vomiting, irritation of mouth and throat. Aspiration into the lungs after ingestion will cause severe lung damage and may cause fatal pneumonitis.

Inhalation: May cause irritation of the respiratory tract. Dizziness and headache.

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.

Eye contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Ingestion: Do not induce vomiting. Get medical attention immediately.

Inhalation: Remove to fresh air, keep the patient warm and at rest. If there is difficulty in breathing,

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properly trained personnel may administer oxygen. If breathing has stopped, administer artificial respiration (NOT mouth to mouth). Give nothing by mouth if unconscious, place in the recovery position and seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO₂). DO NOT USE WATER.

Exposure hazards: In combustion emits toxic fumes of carbon monoxide, carbon dioxide and smoke. The vapours are heavier than air. Solvent vapours may form explosive mixtures with air.

Protection of fire-fighters: Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. 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 inhaling vapour. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing (see section 8).

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. The Manual Handling Operations Regulations may apply to the handling of containers of this product.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures:** Provide adequate ventilation. 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. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should NOT be applied once exposure has occurred. Wash hands thoroughly after handling chemicals.
- Eye protection:** Eye protection designed to protect against liquid splashes should be worn.
- Skin protection:** Overalls are normally suitable, PVC apron if risk of splashing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Water white.
- Odour:** Pine.
- Solubility in water:** Not miscible
- Viscosity:** Non-viscous
- Boiling point/range°C:** 156-170
- Flash point°C:** 34
- Relative density:** 0.866 @ 25 C

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal storage and handling conditions (see Section 7).
- Conditions to avoid:** Avoid heat, flames and sparks. Direct sunlight. Extremes of temperature.
- Materials to avoid:** Strong oxidising agents. Acids.
- Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Acrid smoke.

11. TOXICOLOGICAL INFORMATION

- Routes of exposure:** 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.

12. ECOLOGICAL INFORMATION

- Mobility:** Insoluble in water. Volatile. Partially absorbed into soil. Harmful to aquatic organisms. The

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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: 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: 1299

ADR Class: 3

Labelling: 3

Hazard ID no: 30

**IMDG / IMO**

UN no: 1299

Class: 3

Packing group: III

EmS: 3-07

Marine pollutant: YES

Labelling: 3

IATA / ICAO

UN no: 1299

Class: 3

Packing group: III

Packing instructions: 310

Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Dangerous for the environment.



Risk phrases: R10: Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

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R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

Safety phrases: S24: Avoid contact with skin.

S36/37: Wear suitable protective clothing and gloves.

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: R10: Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

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.