



## SAFETY DATA SHEET

DANISH OIL

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Issued: 31/07/04

Revision No: 2

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

**Product name:** DANISH OIL

**Product code:** DANO

**Synonyms:** DANISH OIL

**Use / description of product:** Flammable. Liquid.

**Company name:** Rustins Ltd

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** METHANOL <1%

CAS: 67-56-1

EINECS: 200-659-6

[F] R11; [T] R23/24/25; [T] R39/23/24/25

- NAPHTHA (PETROLEUM) HYDROTREATED HEAVY 70-90%

CAS: 64742-48-9

EINECS: 265-150-3

[Xn] R65; [Xi] R66; [-] R67

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**Other hazards:** (see section 16).

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** May cause irritation on prolonged or repeated contact.

**Eye contact:** Irritation with short term redness and stinging.

**Ingestion:** May cause nausea and diarrhoea.

**Inhalation:** May cause irritation of the respiratory tract.

### 4. FIRST AID MEASURES (ACTION)

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

[cont...]

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- 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:** If accidentally swallowed, wash mouth out with water. Do not induce vomiting, keep at rest and obtain medical attention.
- Inhalation:** Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth if unconscious, place in the recovery position and seek medical advice.

**5. FIRE-FIGHTING MEASURES**

- Extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Dry chemical powder. Alcohol resistant foam. Sand or earth. Do NOT use water jet.
- Exposure hazards:** In a fire, hazardous decomposition products such as smoke and Carbon Monoxide may be produced.
- 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. There is a danger that absorbent material, used to clean up, may spontaneously combust. Absorbents should be sprayed with water prior to disposal.

**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. Rags used to apply the oil may self-ignite without warning. Remove used cloths/rags from premises regularly and always at close of business.

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Rags should ideally be burnt. If this is not possible they should be washed in warm soapy water and disposed of without crumpling. Absorbents should be sprayed with water prior to disposal. 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. 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.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** METHANOL

TWA (8 hr exposure limit): 266 mg/m<sup>3</sup> STEL (15 min exposure limit): 333 mg/m<sup>3</sup> (OES)

**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:** 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.

**Eye protection:** Safety goggles. 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:** Brown

**Oxidising:** Non-oxidising (by EC criteria)

**Viscosity:** Oily

**Boiling point/range°C:** 150-190

**Flash point°C:** 43

**Relative density:** 0.850 @ 20C

**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.

**Materials to avoid:** Oxidising agents. Strong acids.

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**Haz. decomp. products:** In a fire, hazardous decomposition products such as smoke and carbon monoxide may be produced.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** METHANOL  
IVN RAT LD50 2131 mg/kg  
ORL MUS LD50 7300 mg/kg  
ORL RAT LD50 5628 mg/kg

**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. The vapour is irritating to the eyes and splashes of liquid may cause discomfort and possible damage. Prolonged skin contact will have a defatting effect, which may lead to irritation and possibly dermatitis. Vapour irritates the eyes and the respiratory tract.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Insoluble in water. Partially volatile. Partially absorbed into soil. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

**Other adverse effects:** There is no data available on the product itself.

**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  
**Labelling:** 3

**ADR Class:** 3  
**Hazard ID no:** 30

**IMDG / IMO**

**UN no:** 1263  
**Packing group:** III  
**Marine pollutant:** Yes

**Class:** 3  
**EmS:** 3-05  
**Labelling:** 3

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**IATA / ICAO**

|                           |                                  |
|---------------------------|----------------------------------|
| <b>UN no:</b> 1263        | <b>Class:</b> 3                  |
| <b>Packing group:</b> III | <b>Packing instructions:</b> 310 |
| <b>Labelling:</b> 3       |                                  |

**15. REGULATORY INFORMATION**

**Risk phrases:** R10: Flammable.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S2: Keep out of the reach of children.  
S7: Keep container tightly closed.  
S16: Keep away from sources of ignition - No smoking.  
S51: Use only in well-ventilated areas.

**Precautionary phrases:** Contains cobalt octoate, methyl ethyl ketoxime. May produce an allergic reaction.

**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**

**Other information:** The product complies with the requirements of the Toy Safety Regulations, BS EN 71 Part 3 1995. A certificate of conformity can be supplied upon request. DANGER of spontaneous combustion. After use, any cloths or rags should ideally be immediately burnt but if this is not possible, then they should be washed in warm soapy water. Even after washing the rags must never be crumpled into a ball but spread out and disposed of. Use synthetic fibre cloths where possible as natural fibres, especially cotton, increase the chances of spontaneous combustion. Brushes and rollers should be cleaned with White Spirit and then washed in warm soapy water.

**Risk phrases used in s.2:** R11: Highly flammable.  
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.  
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.

**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

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