Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: HUMBROL THINNERS

Synonyms: PAINT RELATED MATERIAL

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; Xn: R65; -: R66; -: R67
Classification under CLP: STOT SE 3: H336; Asp. Tox. 1: H304; Flam. Liq. 3: H226

Most important adverse effects: Flammable. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.

Signal words: Danger

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS08: Health hazard

[cont...]
Precautionary statements:  P280: Wear eye protection.
P370+378: In case of fire: Use carbon dioxide for extinction.
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P331: Do NOT induce vomiting.

Label elements under CHIP:

Hazard symbols: Harmful.

Risk phrases:  R10: Flammable.
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:  S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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:

NAPTHA (PETROLEUM) HYDROTREATED HEAVY

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>265-150-3</td>
<td>64742-48-9</td>
<td>Xn: R65; -: R66; -: R67</td>
<td>-</td>
<td>70-90%</td>
</tr>
</tbody>
</table>

2-METHOXY-1-METHYLETHYL ACETATE

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
</table>

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact:  Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove all contaminated clothes and footwear immediately unless stuck to skin. If irritation persists seek medical advice.

Eye contact:  Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

[cont...]

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Ingestion: Do not induce vomiting. Wash out mouth with water. Get medical attention immediately.

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

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

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

Eye contact: There may be irritation and redness.

Ingestion: May cause dizziness, loss of coordination, loss of consciousness, temporary or permanent blindness, coma and death.

Inhalation: May cause irritation of the respiratory tract.

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 jet. Water spray, fog or mist. Carbon dioxide (CO2). Dry chemical powder. Large Fires: Alcohol resistant foam or water fog. Sand or earth.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. Forms explosive air-vapour mixture. 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: Wear protective clothing to prevent contact with skin and eyes. Wear 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 to dispel airbourne concentrations. 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).

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. Vapour expolsion and poison hazard indoors, outdoors and in sewers.

[cont...]
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HUMBROL THINNERS

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-up personnel should use respiratory and/or liquid contact protection.

6.4. Reference to other sections

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

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking, eating and drinking should be prohibited in areas of storage and use. Emergency shower and eye wash facilities should be readily available. Use non-sparking tools. Exclude sources of heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging. Glass. Steel drums. Do NOT store in lead, zinc, tin or aluminium.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Workplace exposure limits:</th>
<th>Respirable dust</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8 hour TWA</td>
</tr>
<tr>
<td>EU</td>
<td>274 mg/m3</td>
</tr>
</tbody>
</table>

Hazardous ingredients:

2-METHOXY-1-METHYLETHYL ACETATE

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<tr>
<td>UK</td>
<td>274 mg/m3</td>
</tr>
</tbody>
</table>

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

[cont...]
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:** 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:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

### Section 9: Physical and chemical properties

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

- **State:** Liquid
- **Colour:** Colourless
- **Odour:** Aromatic
- **Solubility in water:** Slightly soluble
- **Viscosity:** Non-viscous
- **Boiling point/range°C:** 77.5
- **Flash point°C:** 43
- **Relative density:** 0.805 @ 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:** Heat sources, high temperatures and direct sunlight.
10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

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

Hazardous ingredients:

2-METHOXY-1-METHYLETHYL ACETATE

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>LD50</th>
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<tbody>
<tr>
<td>IPR</td>
<td>MUS</td>
<td>750 mg/kg</td>
<td></td>
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<tr>
<td>ORL</td>
<td>RAT</td>
<td>8532 mg/kg</td>
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</tr>
</tbody>
</table>

Toxicity values: No data available.

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: May cause dizziness, loss of coordination, loss of consciousness, temporary or permanent blindness, coma and death.

Inhalation: May cause irritation of the respiratory tract.

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: Rapidly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Partially absorbed into soil. Partially soluble in water. Volatile.

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: No data available.
Section 13: Disposal considerations

13.1. Waste treatment methods

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

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

Shipping name: PAINT
including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: 3

14.5. Environmental hazards

Environmentally hazardous: No  Marine pollutant: Yes

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.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.
R10: Flammable.
R65: Harmful: may cause lung damage if swallowed.
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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.