SAFETY DATA SHEET
Lemon Oil
According to Regulation (EC) No 1907/2006

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

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>Lemon Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICATION</td>
<td>Air drying paint/lacquer product for interior use</td>
</tr>
<tr>
<td>SUPPLIER</td>
<td>Chestnut Products</td>
</tr>
<tr>
<td></td>
<td>PO BOX 536</td>
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<tr>
<td></td>
<td>Ipswich</td>
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<td></td>
<td>IP4 5WN</td>
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<td></td>
<td>Tel. +44 (0) 1473 425878</td>
</tr>
<tr>
<td></td>
<td>Fax. + 44 (0) 1473 431096</td>
</tr>
<tr>
<td>CONTACT PERSON</td>
<td><a href="mailto:mailroom@chestnutproducts.co.uk">mailroom@chestnutproducts.co.uk</a></td>
</tr>
<tr>
<td>EMERGENCY TELEPHONE</td>
<td>+ 44 (0) 1473 425878 (09:00 - 17:00 Mon to Fri)</td>
</tr>
</tbody>
</table>

2 HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION
Xn;R65. N;R51/53. R10, R66, R67.

ENVIRONMENT
The product contains a substance which is toxic to aquatic organisms.

HUMAN HEALTH
In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY</td>
<td>265-185-4</td>
<td>64742-82-1</td>
<td>60-100%</td>
<td>Xn;R65. N;R51/53. R10, R67, R66.</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION
Get medical attention. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

INHALATION
Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION
Immediately rinse mouth and provide fresh air. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT
Wash skin with soap and water. Get medical attention if any discomfort continues.
**Lemon Oil**

**EYE CONTACT**
Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

## 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**
Foam, carbon dioxide or dry powder.

**SPECIAL FIRE FIGHTING PROCEDURES**
Do not use water jet as an extinguisher, as this will spread the fire.

**UNUSUAL FIRE & EXPLOSION HAZARDS**
Cool containers exposed to flames with water until well after the fire is out. Dike and collect extinguishing water.

**SPECIFIC HAZARDS**
Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO2). The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

**PROTECTIVE MEASURES IN FIRE**
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**
Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

**ENVIRONMENTAL PRECAUTIONS**
Avoid discharge into drains. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

**SPILL CLEAN UP METHODS**
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

## 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**
Use only in well-ventilated areas. The product contains organic solvents which will evaporate easily from all surfaces. Take precautionary measures against static discharges. Ground container and transfer equipment to eliminate static electric sparks. Anti-static boots. Keep away from sources of ignition - No smoking.

**STORAGE PRECAUTIONS**
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from sources of ignition - No smoking. Avoid exposure to high temperatures or direct sunlight.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT**

**RESPIRATORY EQUIPMENT**
Avoid inhalation of vapours. If ventilation is insufficient, suitable respiratory protection must be provided. Wear full face mask supplied with: Gas cartridge suitable for organic substances.

**HAND PROTECTION**
For prolonged or repeated skin contact use suitable protective gloves.
EYE PROTECTION
Avoid contact with eyes. Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SKIN PROTECTION
Wear apron or protective clothing in case of splashes.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Viscous liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR</td>
<td>Straw</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Lemon</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>RELATIVE DENSITY</td>
<td>0.8</td>
</tr>
<tr>
<td>AUTO IGNITION</td>
<td>245°C</td>
</tr>
<tr>
<td>TEMPERATURE (°C)</td>
<td>44°C</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition.

11 TOXICOLOGICAL INFORMATION

INHALATION
Vapours may cause drowsiness and dizziness.

INGESTION
Harmful if swallowed. Harmful: possible risk of irreversible effects if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN CONTACT
Repeated exposure may cause skin dryness or cracking.

EYE CONTACT
Irritating to eyes.

HEALTH WARNINGS
In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

TARGET ORGANS

MEDICAL SYMPTOMS
Narcotic effect. Vapours may cause drowsiness and dizziness.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Do not allow to enter drains, sewers or watercourses. The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY
The product contains substances, which may accumulate in sediment.
**Lemon Oil**

**WATER HAZARD CLASSIFICATION**
WGK 1

### 13 DISPOSAL CONSIDERATIONS

**GENERAL INFORMATION**
Do not discharge into drains, water courses or onto the ground.

**DISPOSAL METHODS**
Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk).

### 14 TRANSPORT INFORMATION

**UK ROAD CLASS**
3

**PROPER SHIPPING NAME**
PAINT

**UN NO. ROAD**
1263

**ADR CLASS NO.**
3

**ADR PACK GROUP**
III

**HAZARD NO. (ADR)**
33 Highly flammable liquid (flash-point below 23°C).

**ADR LABEL NO.**
3

**RID CLASS NO.**
3

**HAZCHEM CODE**
•3YE

**UN NO. SEA**
1263

**IMDG CLASS**
III

**UN NO. AIR**
1263

**IMDG PACK GR.**
F-E, S-E

**AIR PACK GR.**
III

### 15 REGULATORY INFORMATION

**LABELLING**

- Harmful
- Dangerous for the environment

**CONTAINS**
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY

**RISK PHRASES**

- **R10** Flammable.
- **R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **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**

- **S2** Keep out of the reach of children
Lemon Oil

S16  Keep away from sources of ignition - No smoking.
S29/56  Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37  Wear suitable gloves.
S46  If swallowed, seek medical advice immediately and show this container or label.
S51  Use only in well-ventilated areas.
S61  Avoid release to the environment. Refer to special instructions/safety data sheets.

UK REGULATORY REFERENCES
EU DIRECTIVES
STATUTORY INSTRUMENTS
Control of Substances Hazardous to Health.
APPROVED CODE OF PRACTICE
Classification and Labelling of Substances and Preparations Dangerous for Supply.

16 OTHER INFORMATION

REVISION DATE  18/12/2009
REV. NO./REPL. SDS GENERATED  4
RISK PHRASES IN FULL
R10  Flammable.
R51/53  Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65  Harmful: may cause lung damage if swallowed.
R66  Repeated exposure may cause skin dryness or cracking.
R67  Vapours may cause drowsiness and dizziness.

DISCLAIMER
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.