



**SAFETY DATA SHEET**  
**Lemon Oil**

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME                      Lemon Oil  
 APPLICATION                        Air drying paint/lacquer product for interior use  
 SUPPLIER                             Chestnut Products  
   PO BOX 536  
   Ipswich  
   IP4 5WN  
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   Fax. + 44 (0) 1473 431096  
 CONTACT PERSON                   mailroom@chestnutproducts.co.uk  
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**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**

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

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.

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### 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 (CO<sub>2</sub>). 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.

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### 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

APPEARANCE	Viscous liquid		
COLOUR	Straw		
ODOUR	Lemon		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	0.8	FLASH POINT (°C)	44°C
AUTO IGNITION TEMPERATURE (°C)	245°C		

## 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

Mucous membranes. Central nervous system. Respiratory system, lungs. Kidneys. Liver.

### 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.

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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	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(D/E)
HAZARD NO. (ADR)	33 Highly flammable liquid (flash-point below 23°C).		30
ADR LABEL NO.	3	HAZCHEM CODE	•3YE
RID CLASS NO.	3	RID PACK GROUP	III
UN NO. SEA	1263	IMDG CLASS	3
IMDG PACK GR.	III	EMS	F-E, S-E
UN NO. AIR	1263	ICAO CLASS	3
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
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**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

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

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.