



# CHESTNUT

P R O D U C T S

## PRODUCT SAFETY DATA SHEET for

# Lemon Oil

<b>1. IDENTIFICATION OF PRODUCT AND COMPANY</b>	
PRODUCT NAME	Lemon Oil
INTENDED USE	Air drying paint/lacquer product
SUPPLIER:	Chestnut Products 62 Birkbeck Road Beckenham Kent BR3 4SP Telephone 0181-289 1344 Fax 0181-289 0563
<b>2. COMPOSITION/INFORMATION OF INGREDIENTS</b>	
A mixture of resins and organic solvents as required. For details of substances presenting a health hazard within the meaning of the Chemicals (Health Information & Packing) regulations 1993 see under Section 8 of this Safety Data Sheet.	
<b>3. HAZARDS IDENTIFICATION</b>	
Flammable.	
<b>4. FIRST AID MEASURES</b>	
GENERAL	In all cases of doubt or where symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.
INHALATION	Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
EYE CONTACT	Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, keeping the eyelids apart, seek medical advice
SKIN CONTACT	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvent or thinners
INGESTION	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting
<b>5. FIRE FIGHTING MEASURES</b>	
EXTINGUISHING MEDIA	Carbon Dioxide, Dry Powder, Halogenated Hydrocarbons, Sand, Foam
NOT TO BE USED:	Water.
SPECIAL INSTRUCTIONS TO FIRE FIGHTING PERSONNEL	Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Decomposition products may be a hazard to health. Appropriate self contained breathing apparatus may be required. Cool containers exposed to fire with a water spray. Do not allow run off from fire to enter drains or water courses.
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
PERSONAL PRECAUTIONS	Exclude sources of ignition and ventilate the area. Exclude nonessential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 & 8.
ENVIRONMENTAL PRECAUTIONS	Do not allow to enter drains or water courses. Clean area preferably with a detergent; avoid the use of solvents. 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, the National River Authority as the oil will cut off the oxygen supply to aquatic life by floating on the water.
METHODS FOR CLEANING UP	Clean up using clay or proprietary oil absorbent and place in suitable container for disposal in accordance with the waste regulations. Ensure the floor is adequately cleaned afterwards with hot soapy water and detergent because of danger of a slippery surface.



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## 7. STORAGE AND HANDLING

**HANDLING** Keep container tightly closed. Never use pressure to empty, container is not a pressure vessel. Always keep in containers made of the same material as the supply container. Avoid skin and eye contact. For personal protection refer to Section 8. Good housekeeping and regular removal of waste materials will reduce risks. The product may charge electrostatically. Use earthing leads when transferring from one container to another. Wear anti-static footwear and clothing. Floors should be electrically conductive.

**STORAGE** Although the storage of this product is not subject to statutory requirements, the principles contained in the HSE guidance note Storage of Flammable Liquids in Containers should be observed. Observe the label precautions. Store between 5 and 25° C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strongly alkaline and acid materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING MEASURES** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn

Substance Name	% Conc Range	Symbol	OES 8 hr ppm	OES 10 min ppm	Risk Phrases	Notation
WHITE SPIRIT	>50%		100	125		OES

### NOTES

Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer

OES - Occupational Exposure Standard MEL - Maximum Exposure Limit

OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

\*=OES given in mg/cubic metre - no figures are available for parts per million.

**GENERAL PROTECTION** All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations

**RESPIRATORY PROTECTION** Air fed respiratory equipment should be worn when this product is sprayed if the levels of exposure cannot be controlled to below OEL 's and engineering methods cannot be reasonably improved.

**HAND PROTECTION** Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied to contaminated skin.

**EYE PROTECTION** Eye protection designed to protect against liquid splashes should be worn

**SKIN PROTECTION** Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid	VAPOUR DENSITY	
FLASH POINT	>0°C and <39°C Method Equilibrium Method to ISO 1516 & ISO 3680	LOWER EXPLOSION LIMIT	
VISCOSITY		SOLUBILITY IN WATER	IMMISCIBLE
SPECIFIC GRAVITY			



**10. STABILITY AND REACTIVITY**

Stable under the recommended storage and handling conditions (see Sect 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly

**11. TOXICOLOGICAL INFORMATION**

There is no data available on the product itself.  
 Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and respiratory system and adverse affects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases unconsciousness.  
 Splashes in the eye may cause irritation and reversible local damage. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

**12. ECOLOGICAL INFORMATION**

The product should not be allowed to enter drains of water courses or be deposited where it can affect ground or surface waters. If the oil enters streams and rivers in large quantities it will cut of the oxygen to aquatic life. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

**13. DISPOSAL CONSIDERATIONS**

Do not allow to enter drains of water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

**14 TRANSPORT INFORMATION**

Road/Rail	SI Number Designation	1263 PAINT	Packing Group		Class	3
Sea	Packing group. <=30lts		UN Number	1263	Class	3
	Marine Pollutant	Yes	MFAG	310		
	EMS					
	Main Risk	FLAMMABLE				
	Shipping Name	PAINT UN 1263				
Air	Packing Group <=30lts				Class	3
	UN Number					
	Main Risk	1263				
	Shipping Name	FLAMMABLE PAINT				
International			UN Number	1263	Class	3
Road/Rail	Packing Group					
	Item Number	5b				
	Main Risk	FLAMMABLE				
	Shipping Name	PAINT				



### 15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows:

Classification  
Contains

Risk Phrases      10      Flammable

Safety Phrases    7/9      Keep container tightly closed and in a well ventilated place  
Keep out of Children's reach

P' Phrases                      Use only in well ventilated areas

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation.

The provisions of the Health & Safety at Work etc. Act and the control of Substances Hazardous to Health Regulation apply to this use of this product at work.

### 16. OTHER INFORMATION

Text of any Risk Phrases listed in Section 8

Date of origination    18/01/96

Date of last revision    18/01/96

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and the environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:-

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988: 1657)

The Manual Handling Operations Regulations 1992 (SI 1992: 2793)

Storage of Flammable Liquids in Containers HS(G)51

Storage of Packaged Dangerous Substances HS(G)71

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988: 2893)