SAFETY DATA SHEET

FINISHING OIL

Version:5-1 **Review date: 20/10/05** **91/155/EC (2001/58/EC) - ISO 11014-1**

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

Product name:	FINISHING OIL
Uses or/and applications:	wood care
Product code nr:	540
Supplier:	Liberon Ltd Mountfield Industrial Estate NEW ROMNEY KENT TN288XU.
Phone:	+44 1797 367555
Fax:	+44 1797 367575
E-mail:	info.uk@v33.com
Emergency phone number (to be used by the practising doctor):	UK - National Poisons Information Service Phone: 44 / 191 22 5131 B - Centre Antipoisons Tél: 070 / 245.245

2. HAZARDS IDENTIFICATION

Most important hazards:	Flammable. Repeated exposure may cause skin dryness or cracking
Specific hazards:	Repeated and prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Formula:	F0LJD02
Component(s) contributing to the hazard:	• NAPHTA LOURD HYDROTRAIT• Conc. wt.(%): 60 < C <= 70 - Symbol(s): Xn - R-phrase(s): 65-66 • CARBOXYLATE DE COBALT(2+) - CAS no: *68409-81-4 Conc. wt.(%): 0 < C <= 1 - Symbol(s): Xn - R-phrase(s): 22-38-43 • ACIDE OCTANOIQUE, SEL DE ZI - CAS no: 18312-04-4 Conc. wt.(%): 0 < C <= 1 - Symbol(s): Xi N - R-phrase(s): 36/38-51/53

4. FIRST AID MEASURES

General advice:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). For symptom description, see item 11.
Inhalation:	Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Artificial respiration and/or oxygen if necessary.
Skin contact:	Wash with water and soap as a precaution. If skin irritation persists, take medical advice.
Eye contact:	Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
Ingestion:	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2), water spray, sand, earth.
Extinguishing media which must NOT be used for safety reasons:	Do not use a solid water stream as it may scatter and spread fire.
Specific method(s):	Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.
Specific fire hazard(s):	Vapours are heavier than air and spread above ground. In case of fire, product decomposes in: carbon oxides (CO and CO2) and smokes. Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.

Special protective equipment for firefighters:	Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s):	Evacuate personnel to a safe area. Remove all sources of ignition. Be careful to flashback of fire. Ensure adequate ventilation. Avoid contact with skin, eyes, or clothing. Concerning personal protective equipment to use, see item 8.
Environmental precaution(s):	Stop leak without risks if possible. Dike and contain spill. Do not allow surface water to enter drains and sewers as this will create a potential explosive hazard. If this occurs inform local authorities immediately. Do not allow material to contaminate ground water system. Concerning disposal elimination after cleaning, see item 13.
Method(s) for cleaning up:	Scoop or vacuum spilled material rapidly in a suitable container with an explosion proof or hand pump. Soak up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel). Shovel into suitable and closed container for disposal. Dispose as hazardous waste.

7. HANDLING AND STORAGE

Handling	
- Precaution(s):	Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Avoid all eyes and skin contact and do not breathe vapour and mist. Do not eat, drink and do not smoke in areas where product is used. Shower, eyes shower and water point in proximity. Wear personal protective equipment (see item 8).
- Technical condition(s):	Avoid static electricity discharges. Ventilation along floor.
- Safe handling advice(s):	Opened containers must be carefully closed and kept upright to avoid leakage.
Storage	
- Precaution(s):	Store in a place accessible by authorised persons only. Keep container tightly closed in a cool place.
- Technical condition(s):	Not flammable and waterproof underground retention basin.
- Storage condition(s):	Keep container tightly closed and at a temperature not exceeding (°C): 45 °C Keep away from sources of ignition - No smoking. Store away from direct sunlight or other heat sources. Store in a well-ventilated place.
- Separation of incompatible product(s):	Keep away from: acids, strong bases and oxidising compounds.
- Packaging / tank material:	made of the same material as the supply container.
- Unsuitable packaging materials:	Avoid certain plastics which are soluble in product. rubbers aluminium

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s):	Ensure adequate ventilation, especially in confined areas.
Control parameter(s):	
- Exposure limit(s):	
Personal protection equipment:	
- Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment. (breathing apparatus with filter A)
- Hand protection:	nitrile rubber gloves neoprene gloves

- Skin and body protection:	solvent-resistant apron and boot long sleeved protective clothing
- Eye protection:	Wear closed safety glasses. or face shield
Hygiene measure(s):	Do not eat, drink, or smoke during work. Keep away from food, drink and animal feed. Keep workplace clean and tidy as much as possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information	
- Physical state / form:	viscous liquid
- Colour:	yellow / orange
- Odour:	characteristic
Important health,safety and environmental information	
- PH:	Not applicable.
- Boiling point/range:	155-200°C
- Flash point:	38°C
- Explosion limits:	Not determined.
- Relative density (water = 1):	0.8-0.9
- Viscosity:	32 s (23°C)
- Water solubility:	No water mixable
- Fat solubility:	partly soluble
- Solvent solubility:	soluble in most organic solvents

10. STABILITY AND REACTIVITY

Stability:	Stable in use and storage conditions as recommended in item 7.
Condition(s) to avoid:	Do not expose at temperatures above 45°C
Material(s) to avoid:	Avoid certain plastics which are soluble in product.
Reacts violently with:	strong bases, oxidising compounds, acids
Hazardous decomposition products:	Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

11. TOXICOLOGICAL INFORMATION

General information(s):	There is no data available on the product itself. Periodical medical test is recommended to measure exposure.
Acute toxicity	
- Inhalation:	Irritating to the respiratory system, may cause throat pain and cough. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, breathing arrest.
- Skin contact:	Components of the product may be absorbed into the body through the skin. Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.
- Eyes contact:	Liquid splashes in the eye may cause irritation. (pain, redness) .
- Ingestion:	May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Susceptible to induce:	oedema of the lungs, heavy breathing difficulty, dizziness.

12. ECOLOGICAL INFORMATION

General information(s):	There is no data available on the product itself. Persistence and degradability: Product has only a limited biodegradability in soil and water.
Bioaccumulation:	No bioaccumulation.
Environmental toxicity:	May be dangerous for environment.

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Otheradverse effects

13. DISPOSAL CONSIDERATIONS

Waste / unused products:	Collect all waste in suitable and labelled containers and dispose according to local legislation. Can be recycled. Do not dispose of waste into sewer. Destruction by incineration / pyrolyse
.	
Contaminated packaging:	This container is only to be used for this product. Container remains hazardous when empty. Continue to observe all precautions. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Further Information(s):

14. TRANSPORT INFORMATION

General information(s):	Transport followed ADR, IMDG, IATA
UN N°:	1263
Land (Road / Railway: ADR/RID)	
- Class:	3
- Verpakkingsgroep:	III
Sea (IMDG)	
- Class:	3
Air (ICAO/IATA)	

15. REGULATORY INFORMATION

Labelling:	According to European directives on classification, packaging and labelling of Dangerous substances
EC number:	Not applicable.
Symbol(s):	None according to EC directives.
R-phrase(s):	10 Flammable. 66 Repeated exposure may cause skin dryness or cracking
S-phrase(s):	2 Keep out of the reach of children. 29 Do not empty into drains. 46 If swallowed, seek medical advice immediately and show this container or label. 51 Use only in well-ventilated areas.
Further information(s):	Contains CARBOXYLATE DE COBALT(2+). May produce an allergic reaction.

16. OTHER INFORMATION

Important remarks:	Information in this safety data sheet is based on actual knowledge in our possession and our experience. It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
Uses or/and applications:	wood care
Restrictions:	This information relates to the specific material designated and may not be valid in combination with other product(s).

History
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