



SAFETY DATA SHEET (91/155/EC)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

* Product name:

TEAK OIL

* Supplier:

LIBERON

Mountfield Ind Est

New Romney

Kent, TN28 8XU

Tel: 0044 (0)1797 367555

Fax: 0044 (0)1797 367575

* Emergency phone number (to be used by the practising doctor):

UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. COMPOSITION/INFORMATION ON INGREDIENTS

* Preparation name:

TEAK OIL

* Description of the preparation:

* Component(s) contributing to the health hazard:

NAPHTHA (PETROLEUM) HYDROTREATED HEAVY - CAS No: 64742-48-9

Conc. (weight %): >25<50 - Symbol(s): Xn - R: 65,66

3. HAZARDS IDENTIFICATION

* Most important hazards:

Flammable.

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:

Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical

advice.

* Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

* Eye contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins holding the eyelids apart, and seek medical advice.

* Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

* Suitable extinguishing media:

CO2, foam and dry powder.

* Extinguishing media which must NOT be used for safety reasons:

Water jet.

* Specific method(s):

Cool closed containers exposed to fire with water spray.
Do not allow run-off from fire fighting to enter drains or watercourses.

* Specific fire hazard(s):

Fire will produce dense black smoke containing hazardous products of combustion. Decomposition products may be a hazard to health.

* Special protective equipment for fire-fighters:

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.
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.
Contain spillage.
Do not allow surface water to enter drains and sewers. 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 pump or a 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.
Due to the risk of self combustion all contaminated cloths etc should be either laid out flat to dry outside or burnt.

7. HANDLING AND STORAGE

* Handling

* - Precaution(s):

Avoid inhalation of vapour.

For Personal Protection see Section 8

Never use pressure to empty: the container is not a pressure vessel.

Always keep in containers made from the same material as the supply vessel.

Good housekeeping standards and regular safe removal of waste materials will minimise risks of hazards.

Refer to the guide weight indicated on the container when carrying out assessments.

* - Safe handling advice(s):

Opened containers must be carefully closed and kept upright to avoid leakage.

* Storage

* - Precaution(s):

Although the storage of this product is not subject to specific statutory requirements, the principles contained in the HSE Storage of Flammable Liquids in Containers should be observed. Observe the label precautions.

Store between 5 and 25 oC 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 re-sealed and kept upright to prevent leakage.

Store separately from oxidising agents and strongly alkaline and acidic materials (Also see section 6)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

* Exposure Limits:

Provide adequate ventilation. Where 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.

Substance	Occupational Exposure Limits			Notations	
Naptha (Petroleum) Hydrotreated Heavy	8hr TW		10 min STEL		
	ppm	mg/m3	ppm	mg/m3	
		1000			SUP

Notes:

- 1) Long term exposure limit - 8 hour time weighted average
- 2) Short term exposure limit - 10 minute reference period
- 3) SK indicates a risk of absorption through the skin, SEN indicates a respiratory sensitiser
- 4) OES indicates and Occupational Exposure Standard: MEL indicates a Maximum Exposure Limit
OELs are taken from the current version of EH40, except those marked SUP which are assigned by the supplier of the substance.

* - Respiratory protection:

Air fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational limit and engineering controls and methods cannot be reasonably be improved.

* - Hand protection:

When skin may exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

* - Skin and body 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.

* - Eye protection:

Wear 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

Physical state / form: viscous liquid
Colour: yellow / orange
Odour: characteristic
pH: Not applicable.
Boiling point/range: 155°C
Flash point: 38°C
Explosion limits: Not determined.
Relative density (water = 1): Not known
Viscosity: Not determined.
Water solubility: Immiscible
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. In a fire, hazardous decomposition products such as smoke, carbon monoxide and oxides of nitrogen may be produced.

* Condition(s) to avoid:

Keep away from oxidising agents and strongly alkaline and acidic materials to prevent the possibility of exothermic reaction.

11. TOXICOLOGICAL INFORMATION

* General information(s):

There is no data available on the product itself.
Periodical medical test is recommended to check for any effects from repeated exposure.

12. ECOLOGICAL INFORMATION

* General information(s):

There is no data available on the product itself.

The product should not be allowed to enter drains or water courses or to be deposited where it can affect ground or surface waters.

If the oil enters streams and rivers in large quantities it will cut off the oxygen to aquatic life.

The air pollution control requirements made under the Environmental Protection Act may apply to the use of this product.

13. DISPOSAL CONSIDERATIONS

* Waste / unused products:

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

* Contaminated packaging:

Wastes including emptied containers are controlled wastes and should be disposed of accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

14. TRANSPORT INFORMATION

General information(s):

Transport followed ADR, IMDG, IATA
UN No. 1263

Land (Road / Railway: ADR/RID)

- item and letter: 3.3 C

Sea (IMDG)

- IMO class: 3.3

- Packing Group III

- Paint

- Marine Pollutant

15. REGULATORY INFORMATION

* Labelling:

According to European directives on classification, packaging and labelling of dangerous substances

Symbol(s): Xn - Harmful

R-phrase(s):

R : 10

Flammable.

R : 66

Repeated exposure may cause skin dryness or cracking

S-phrase(s):

S : 2

Keep out of the reach of children.

S : 29

Do not empty into drains

S : 51

Use only in well ventilated areas.

S : 62

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

* According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations no.: 91 / 155

* 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.

No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.

* Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).

* History

- First edition date: 20/07/1998

- Review date: 22/05/2002

- Version: 2

- Review chapter(s) n°: 2/14/15

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