



SAFETY DATA SHEET

Teak Oil

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

PRODUCT NO. OITESBC, OITE.25, OITE.50, OITE001, OITE005, OITE025, OITE2.5, OITE205, OITEGEN

APPLICATION For the treatment and enhancement of all untreated woods including hardwoods.

SUPPLIER Barrettine
Barrettine Works
St Ivel Way
Warmley
Bristol
BS30 8TY
0117 960 0060
0117 935 2437
sales@barrettine.co.uk

EMERGENCY TELEPHONE 0870 190 6777

2 HAZARDS IDENTIFICATION

Flammable.

Repeated exposure may cause skin dryness or cracking.

Harmful: may cause lung damage if swallowed.

CLASSIFICATION (1999/45) Xn;R65. R10, R66.

ENVIRONMENT

The product contains volatile, organic compounds which have a photochemical ozone creation potential.

PHYSICAL AND CHEMICAL HAZARDS

Vapours are heavier than air and may travel along the floor and in the bottom of containers.

HUMAN HEALTH

Product has a defatting effect on skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
naphtha (petroleum), hydrotreated heavy, high flash D60	265-150-3	64742-48-9	60-100%	Xn;R65. R66.

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air.

INHALATION

If unconscious or breathing is irregular place on their side in the recovery position and ensure their airways are clear. Artificial respiration may be administered by suitably qualified first-aiders if the patient is unconscious or breathing is difficult.

Get immediate medical attention.

INGESTION

If swallowed do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs keep head low so that stomach content does not enter lungs.

Rinse mouth thoroughly and seek medical attention immediately. Keep patient at rest.

Teak Oil

SKIN CONTACT

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and running water. Take especial care to clean folds, crevices, creases and groin.

Get medical attention if irritation persists or develops.

Launder clothing and clean shoes thoroughly before re-use.

EYE CONTACT

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get medical attention if any discomfort or irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder, sand, dolomite or other inert material.

SPECIAL FIRE FIGHTING PROCEDURES

Cool containers exposed to flames with water until well after the fire is out. Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition. Vapours are heavier than air and may travel considerable distance to source of ignition and flash back.

SPECIFIC HAZARDS

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO).

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

Provide adequate ventilation. Do not breathe vapour. Do not smoke, use open fire or other sources of ignition. Wear protective clothing (see Section 8).

ENVIRONMENTAL PRECAUTIONS

Do not allow spilled material to enter drains or water courses.

Cover all drains and sewers. Avoid spreading spilled material. Contain spillages with sand, earth or suitable absorbent material. Prevent further spillage if safe to do so.

In the event of contamination of watercourses or sewers advise the Environment Agency, fire brigade and police.

SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, sand, diatomaceous earth or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Use only with adequate ventilation. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.

During application and drying, solvent vapours will be emitted.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Storage should be suitable for combustible materials, positioned away from sources of ignition such as heating appliances and lighting. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
naphtha (petroleum), hydrotreated heavy, high flash D60	WEL		1000 mg/m ³			

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

Teak Oil

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied. Suitable gloves may include - Nitrile. Neoprene.

EYE PROTECTION

Wear goggles/face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless liquid
ODOUR	Hydrocarbon
PHYSICAL DATA COMMENTS	Information given concerns the major ingredient.
SOLUBILITY	Immiscible with water
BOILING POINT (°C)	150- 200 °C. @ 760mm Hg.
RELATIVE DENSITY	0.770 @ 15°C
VAPOUR DENSITY (air=1)	>1
VAPOUR PRESSURE	mbar
VISCOSITY	20 s @ 40°C
FLASH POINT (°C)	44°C CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >3000 mg/kg (oral rat)

INHALATION

Exposure to solvent vapours may cause irritation of the throat, respiratory system and mucous membranes and have adverse effects on the kidneys, liver and central nervous system.

Symptoms can include headache, dizziness, drowsiness, fatigue, and muscular weakness, In extreme cases resulting in loss of consciousness.

The patient should be kept under observation for at least 48 hours as symptoms may occur well after exposure.

INGESTION

Gastrointestinal symptoms, including upset stomach. Drowsiness, dizziness, disorientation, vertigo.

SKIN CONTACT

Can cause de-fatting and dryness of skin, leading to cracking and eczema. Unlikely to cause harm on brief or occasional contact, but prolonged or repeated exposure may lead to dermatitis.

EYE CONTACT

Irritating and may cause redness and pain.

TARGET ORGANS

Skin Eyes Respiratory system, lungs

Teak Oil

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

LC 50, 96 Hrs, FISH mg/l >100

MOBILITY

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

BIOACCUMULATION

The product contains potentially bioaccumulating substances. Measured experimental data are not meaningful on substances of unknown or variable composition, complex reaction products and biological materials (UVCBs).

DEGRADABILITY

The product is expected to be biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition. Labels should not be removed. Product is hazardous waste. Do not allow into drains, sewers or water courses. Dispose of this material and its container at a waste collection point.

DISPOSAL METHODS

Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Make sure containers are empty before discarding (explosion risk).

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	PAINT RELATED MATERIAL
UN NO. ROAD	1263
ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	30
ADR LABEL NO.	3
HAZCHEM CODE	•3YE
UN NO. SEA	1263
IMDG CLASS	3
IMDG PACK GR.	III
EMS	F-E, S-E
UN NO. AIR	1263
AIR CLASS	3
AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS naphtha (petroleum), hydrotreated heavy, high flash D60

Teak Oil

RISK PHRASES

R10	Flammable.
R66	Repeated exposure may cause skin dryness or cracking.
R65	Harmful: may cause lung damage if swallowed.

SAFETY PHRASES

S2	Keep out of the reach of children.
S13	Keep away from food, drink and animal feeding stuffs.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S28-C	After contact with skin, wash immediately with soap and water or a recognised skin cleaner. Do NOT use solvents or thinners
S56	Dispose of this material and its container to hazardous or special waste collection point.

EU DIRECTIVES

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Preparations Directive 1999/45/EC.

Dangerous Substances Directive 67/548/EEC.

EC Regulation 1272/2008 (as amended): CLP (Classification, labelling and packaging of substances and mixtures).

ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

APPROVED CODE OF PRACTICE

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance.

Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/l5.pdf>

GUIDANCE NOTES

Workplace Exposure Limits EH40.

CHIP for everyone HSG(108).

Introduction to Local Exhaust Ventilation HS(G)37.

16 OTHER INFORMATION

REVISION COMMENTS

New format SDS, including classification to CLP. (EC1272/2008)

REVISION DATE 02-AUG-11 - Rev 05:00136

REV. NO./REPL. SDS 005 - replaces version 004 dated 08-OCT-08

GENERATED

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.