



SAFETY DATA SHEET

TEAK OIL

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

PRODUCT NAME: TEAK OIL
PART No.: OITE
SUPPLIER: J.V. Berrett & Co. Ltd
 Berrettine Works, St Ivel Way
 Warmley
 Bristol BS30 8TY
 Tel: 0117 9600060
 Fax: 0117 935 2437

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.:			
NAPHTHA (PETROLEUM), HYDROTREATED		HEAVY; LOW BOILING POINT HYDROGEN	60-100 %
64742-48-9		Xn R-10, 65, 66	

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

3. HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking.

4. FIRST AID MEASURES

GENERAL: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
INHALATION: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.
INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.
SKIN: Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.
EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist. DO NOT use direct water jet as this will scatter and spread the fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. 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. May travel considerable distance to source of ignition and flash back. May form explosive mixture with air particularly with in empty uncleaned receptacles.
HAZARDOUS COMBUSTION PRODUCTS:	Fire creates: Dense acrid smoke. Carbon dioxide (CO ₂). Carbon monoxide (CO).
PROTECTIVE MEASURES IN FIRE:	Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION IN SPILL:	Ventilate area. Avoid breathing vapours. Remove all sources of ignition. Wear suitable protective clothing as specified under section 8 of this safety data sheet - Exposure Controls and Personal Protection.
SPILL CLEANUP METHODS:	Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of in accordance with Local Authority Regulations via a licenced waste carrier. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
STORAGE PRECAUTIONS:	Keep in cool, dry, ventilated storage and closed containers. Keep in original container.
STORAGE CRITERIA:	Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN	64742-48-9	OES	1000 mg/m ³	

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES:	Use protective gloves made of: Nitrile. or Neoprene.
EYE PROTECTION:	Wear approved safety goggles.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENIC WORK PRACTICES:	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.		
COLOUR:	Colourless.		
ODOUR/TASTE:	Hydrocarbon.		
PHYSICAL DATA COMMENTS:	Information given concerns the major ingredient.		
BOILING POINT (°C, interval):	150 - 200	Pressure:	760mmHg
DENSITY/SPECIFIC GRAVITY (g/ml):	0.770	Temperature (°C):	15
VAPOUR DENSITY (air=1):	>1		
VAPOUR PRESSURE:	3 mbar	Temperature (°C):	37.8
VISCOSITY (interval):	20.0 s	Temperature (°C):	40
SOLUBILITY DESCRIPTION:	Insoluble in water.		
FLASH POINT (°C):	44	Method:	CC (Closed cup).
AUTO IGNITION TEMP. (°C):	*ADD DATA*		

10. STABILITY AND REACTIVITY

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid contact with acids and oxidising substances.
HAZARDOUS DECOMP. PRODUCTS:	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO), Carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION

Toxicological data	Acute toxicity. LD50. Oral. Rat. >5000 mg/kg
TOXIC DOSE - LD 50:	>3000 mg/kg (oral rat)
INHALATION:	Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse effects such as irritation of the mucous membrane and the respiratory system and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
INGESTION:	Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Significant absorption may cause sleepiness and pulmonary oedema.
SKIN:	Repeated or prolonged contact with organic solvents may cause removal of natural fats

	from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.
EYES:	Spray end vapour in the eyes may cause irritation and smarting.
HEALTH WARNINGS:	The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.
TARGET ORGANS:	Skin. Eyes. Respiratory system, lungs.

12. ECOLOGICAL INFORMATION

LC 50, 96 HRS, FISH mg/l:	>100
ECOLOGICAL INFORMATION:	No data on possible environmental effects have been found.
MOBILITY:	Water: Insoluble: the product spreads over the surface of the water and will slowly evaporate. Soil: the product has only slight mobility in the soil and will partially evaporate.
BIO ACCUMULATION:	Likely to bioaccumulate, but with short retention time in the order of a week or less.
DEGRADABILITY:	Readily Biodegradable. The biodegradability after 28 days was found to be 314% when expressed as a ratio of the biochemical oxygen demand (BOD) to the Chemical Oxygen demand (COD).
ACUTE FISH TOXICITY:	This product is classified as non toxic to fish.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements.
WASTE CLASS:	This material should be considered as "Special Waste" and disposal should conform with the relevant regulations.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UN No. ROAD:	1268
UK ROAD TRANSPORT CLASS:	3
UK ROAD PACK GR.:	III
ADR CLASS No.:	3
ADR CLASS:	Class 3: Flammable liquids.
ADR ITEM No.:	31(c)
ADR MARGINAL:	2301
ADR LABEL No.:	3

HAZCHEM CODE:	3Y
CEFIC TEC(R) No.:	30G30
PROPER SHIPPING NAME I:	PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. (NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN)
RID CLASS No.:	3
RID ITEM No.:	31(c)
UN No., SEA:	1288
IMDG CLASS:	3
IMDG PAGE No.:	3230
IMDG PACK GR.:	III
EmS No.:	3-07
MFAG TABLE No.:	See Guide
MARINE POLLUTANT:	No.
UN No., AIR:	1288
ICAO CLASS:	3
AIR PACK GR.:	III

15. REGULATORY INFORMATION

NC Not classified

RISK PHRASES: R-10 Flammable.
R-66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES: S-2 Keep out of the reach of children.
S-37 Wear suitable gloves.
S-46 If swallowed, seek medical advice immediately and show this container or label.
S-51 Use only in well-ventilated areas.
S-56 Dispose of this material and its container to hazardous or special waste collection point.

ENVIRONMENTAL LISTING: Rivers (Prevention of Pollution) Act 1981. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES: System of specific information relating to Dangerous Preparations. 91/155.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION

INFORMATION SOURCES: Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION DATE: *ADD DATA*

REV. No./REPL. SDS GENERATED: *ADD DATA*

SDS No.: *ADD DATA*

R-PHRASES (Full Text):

R-10 Flammable. R-65 Harmful: may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.