



SAFETY DATA SHEET

Safety data sheet in accordance with 91/155/EEC

Product Code: 221017

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Version: 2004-06-15

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name	Tung Oil		
Formula	MM.:		
Distributed by	PT. LITTLE TREE		
	Jl. Sunset Road No.1 Kuta – Bali, 80361		Tel : +62(0) 361752133
	Indonesia		

2. COMPOSITION /INFORMATION ON INGREDIENTS

Triglycerides, thermally processed
Hazardous components: None. Lead-free.

CAS-no: 8001-26-1

EEC-no:

Einecs-no : 232-278-6

3. HAZARD IDENTIFICATION

DIRECT FIRE HAZARD

This compound is not to be classified as flammable.

Keep away from flames and sparks

DIRECT TOXICITY HAZARD

This compound is not to be classified as toxic

4. FIRST AID MEASURES

EFFECTS AND SYMPTOMS

No known typical symptom or effect.

In any doubt or if persistent signs appear call for medical advice

AFTER INHALATION

Concern only the HOT product.

Move the victim to a ventilated area. If difficulty noted in breathing, get medical attention at once.

AFTER SKIN CONTACT

Wash with water and soap

AFTER EYE CONTACT

Flush with plenty of water for fifteen minutes. Call for medical advice.

AFTER INGESTION

Laxative

Rinse the mouth, drink water. DO NOT induce vomiting. Keep person warm, quiet and call for medical advice. Aspiration of material into lungs can cause chemical pneumonitis.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE: carbon dioxide and foam, alternatively powder

NOT TO BE USED: water. May spit and spread the fire

DANGER DURING COMBUSTION

Production of a heavy acrid smoke, drops can cause severe burns

PROTECTION AGAINST FIRE

Keep away from flames and sparks

SPECIAL EXPOSURE HAZARDS

Prolonged heating at 230 °C can cause decomposition into acrolein and short chain fatty acids. this overheating is to be avoided by cooling in case of fire.

FINE HEATED PARTICLES can burn spontaneously. This risk also exist when hot oil is adsorbed on porous material (sawdust, textiles, paper...)

6. ACCIDENTAL RELEASE MEASURES

Linseed oil is a drying oil, which, if left over a few days, will form a hard film

AFTER SPILLAGE/LEAKAGE

Evacuation is not necessary

ON SOIL: wear slip-proof shoes. Clean the floor with water and soap

WARNING: the HOT PRODUCT adsorbed on porous material can burn spontaneously. IN WATER: the product floats and can be skimmed off

7. HANDLING AND STORAGE

HANDLING

Respect the normal precautions for handling liquid chemicals

PERSONAL PROTECTION

Wear non-absorbent gloves and safety goggles when handling hot oil

STORAGE

Normal storage, stable product; avoid extreme high temperatures

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respect the normal precautions for handling liquid chemicals

RESPIRATORY PROTECTION

Not required at normal temperatures

HAND PROTECTION

Barrier crèmes, wear non-absorbent gloves when handling regularly

EYE PROTECTION

Wear safety goggles when handling hot oil

SKIN PROTECTION

Wear normal industrial clothing and wash regularly

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous liquid	Vapour pressure at 20°C	3.28	mm Hg
Colour Odour	Orange-brown	Viscosity at 20°C	± 1	poise
Melting point	Typical	Flash point	above 300	°C
Boiling point	Below 0	Auto ignition temp.	very high	°C
Density at 20°C	Above 300	Explosivity	None known	
Solubility in water	± 0.94	Characteristics	Neutral	
Soluble in	insoluble Hydrocarbons and aromatics	pH		

10. STABILITY AND REACTIVITY

PRODUCTS FORMED DURING COMBUSTION

Carbon dioxide, carbon monoxide and water

Over 230°C, acrolein, short chain fatty acids and polymers can be formed. To be avoided by cooling in case of fire. In case of thermal decomposition, possibility of forming acid smoke.

HAZARDOUS REACTIONS

Stable under normal operational conditions

MATERIALS TO AVOID

Porous materials will absorb the oil and can cause spontaneous combustion

11. TOXICOLOGICAL INFORMATION

THE OIL IS NOT CONSIDERED AS TOXIC

ORAL

No side-effects encountered

LD50 > 2000 mg/kg (rat)

SKIN

Harmless, no side-effects encountered. Not irritating

EYES

Not irritating.

INHALATION

Under normal conditions, this oil does not exude any fumes

12. ECOLOGICAL INFORMATION

BIODEGRADATION

RDA-test - 40%, ultimately biodegradable

FISH TOXICITY

Not considered as toxic

BACTERIAL TOXICITY

Not considered as toxic

13. DISPOSAL CONSIDERATION

Keep the product out of the sewage and of the surface waters
Waste and used packing should be treated according to local regulations

14. TRANSPORTATION INFORMATION

Following our present state of knowledge, there are no restrictions

15. REGULATORY INFORMATION

Following our present state of knowledge, not to be classified according to directives
67/548/EEC and 88/379/EEC

SYMBOL(S)	None
R(isk) Phrases	None
S(afety) Phrases	None
Wassergefährdungsklasse (WGK)	1 (VwVwS Anhang 2 N° 768)

16. OTHER INFORMATION

Date printed: 2008-01-24
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Supersedes previous edition: 01
Modification has been made to section(s) 4,5,6,10,11 and 15 since last revision.

Information included in this document is given in good faith and constitutes our present state of knowledge relevant to safety regulations.

Information included in this document concerns only the aforementioned compound and is not always valid when this compound is used with other chemicals or in any process. The final user is responsible of checking the pertinence of the information for his own usage.

We do not accept responsibility for injury or damage, where products supplied by our services are used in.