



Pure Tung Oil
Manufacturer Safety Data Sheet

Material Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product name: L.Co Pure Tung Oil

Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Air drying wood finishing product

Uses advised against: Not applicable

Details of the supplier of the safety data sheet

L.Co, The Lucero Company

Packsimex Building, Floor 1

52 Dong Du Street, Ward Ben Nghe

District 1, Ho Chi Minh City, Vietnam

Customer Service Phone: +84 076 8136104

MSDS Requests and Product Information:

+84 076 8136104 (Vietnam)

Contact@LCoFinishes.com

Date of Preparation: Tuesday, October 15, 2019

Emergency telephone number

24h-Emergency Phone Number: For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call

Day or Night within USA and Canada 1-800-424-9300 Outside USA and Canada 001-703-527-3887

(WISAG FMO cargo Services GmbH & Co.KG)

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization: Oil

Description: Natural oil obtained by pressing the seeds from the nut of the tung tree.

COMPONENTS	CAS NUMBER	AMOUNT
Tung oil	8001-20-5	100% weight

Any concentration shown as a range is to protect confidentiality.

SECTION 4 FIRST AID MEASURES

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water.
If irritation persists get medical attention.

After swallowing: If swallowed, seek medical advice immediately and show this container or label.

Do not induce vomiting; immediately call for medical help.

Note to physicians: No further relevant information available.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Carbon dioxide, dry chemical, foam.

Special hazards arising from the substance or mixture

No further relevant information available

Advice for firefighters

Protective equipment: No special measures required.

Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when

this material undergoes combustion.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Protective Measures: Ensure adequate ventilation
 Keep away from ignition sources
- Environmental precautions: Inform respective authorities in case of seepage into water course or
 sewage system.
 Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
 Absorb with liquid-binding material (sand, diatomite, acid binders,
 universal binders).
- Reference to other sections See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7 HANDLING AND STORAGE

- Handling:
- Precautions for safe handling No special precautions are necessary if used correctly.
 Keep away from heat and direct sunlight.
 Keep receptacles tightly sealed.
 Use only in well ventilated areas.
 Do not breathe mist.
 Do not taste or swallow.
 Wash thoroughly after handling.
- Requirements to be met by storerooms and receptacles:
 Store in cool, dry conditions in well-sealed receptacles.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure controls
- General protective and hygienic measures:
 Do not eat, drink, smoke or sniff while working
 Do not carry product impregnated cleaning cloths in pockets.
- Personal Protective Equipment
- Eye/Face Protection: No special eye protection is normally required.

Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin Protection: Wear protective clothing to prevent skin contact.
Suggested materials for protective gloves include: 4H (PE/EVAL), Nitrile Rubber, Polyvinyl Alcohol (PVA) (Note: Avoid contact with water. PVA deteriorates in water.), Viton

Respiratory Protection: Use suitable respiratory protective device only when aerosol or mist is formed.
Not necessary if room is well-ventilated.
Short term filter device: Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 °C)).

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance

Form: Fluid.
Color: Yellowish liquid.
Odor: Strong.

Change in condition

Melting point/Melting range: NDA.
Boiling point/Boiling range: NDA.
Flash point: > 289 °C (> 552 °F) (ISO 3679:2015, Closed cup)
Ignition temperature: NDA.
Auto igniting: Product is not self igniting.
Danger of explosion: Product does not present an explosion hazard.
Vapor Pressure: Heavier than air
Vapor Density (Air = 1): NDA.
Boiling Point: NDA.
Solubility: Insoluble in water.
Density: NDA.
Weight per Gallon: NDA.
VOC content: NDA.
Other information No further relevant information available.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Incompatibility With Other Materials: May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous Decomposition Products: None known (None expected)

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on Toxicological effects

Basis for Assessment: Information given is based on product testing, and/or similar products, and/or components.

Likely Routes of Exposure: Exposure may occur via inhalation, ingestion, skin absorption, skin or eye contact, and accidental ingestion.

Acute Toxicity

Acute Oral Toxicity: May cause discomfort if swallowed.

Acute Dermal Toxicity: Low toxicity: No deaths at highest tested dose.

Acute Inhalation Toxicity: Avoid breathing vapors or mists.

Skin corrosion/irritation: Avoid contact with skin.

Serious eye damage/irritation: Direct contact with eyes may cause temporary irritation.

Respiratory Irritation: Inhalation of vapours or mists may cause irritation to the respiratory system.

Respiratory or skin sensitization:

Not a skin sensitiser.

Germ cell mutagenicity: Not mutagenic.

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive and Developmental Toxicity:

Not expected to impair fertility. Not a developmental toxicant. May cause drowsiness or dizziness.

SECTION 12 ECOLOGICAL INFORMATION

Ecological information:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Mobility:	Floats on water. Adsorbs to soil and has low mobility.
Persistence/degradability:	Readily Biodegradable.
Bioaccumulative potential:	No further relevant information available.
Other Adverse Effects:	No further relevant information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Material Disposal:	Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water.
Container Disposal:	Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums. Send to drum recoverer or metal reclaimer.
Local Legislation:	Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

SECTION 14 TRANSPORT INFORMATION

LAND (ADR/RID) :	Not Regulated for Land Transport
SEA (IMDG):	Not Regulated for Sea Transport according to IMDG-Code
AIR (IATA):	Not Regulated for Air Transport
Marine Pollutant:	No

SECTION 15 REGULATORY INFORMATION

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

TSCA (Toxic Substances Control Act):

All ingredients are listed.

Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Precautionary statements

P210 Keep away from flames and hot surfaces. – No smoking.

P271 Use only outdoors or in a well-ventilated area.

P262 Do not get in eyes, on skin, or on clothing

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

SECTION 16 OTHER INFORMATION

NFPA Ratings:

Health: 0 Flammability: 1 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator).

These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV – Threshold Limit Value

NDA – No Data Available

CAS – Chemical Abstract Service Number

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1).

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for their particular purpose.