

MATERIAL SAFETY DATA SHEET

Copper Plate Oil

1. Identification and supplier

Copper plate oil

Alternative names Linseed stand oil/Heat polymerised linseed oil

Supplier : Intaglio Printmaker, 9 Playhouse Court, 62 Southwark Brigde Road, London SE1 0AT

2. Composition/Information on Ingredients

A naturally occurring triglyceride vegetable oil derived from the seed of the flax plant *Linium usitatissimum* which has been refined and polymerised.

3. Hazards Identification

There are no critical hazards which warrant special labelling. Care should be taken when handling hot oil as it may constitute a burns hazard.

4. First-Aid Measures

Eye contact Flush eye with water or approved eye wash solution. Seek medical advise should irritation occur and persist.

Skin contact Wash with warm soapy water.

Inhalation Not applicable. There are no appreciable vapours at ambient temperatures.

Ingestion Do not induce vomiting. Give water or milk to drink and seek medical advice.

5. Fire-Fighting Measures

The oil is not classed as flammable, but in fire conditions will burn to give a dense acrid smoke. In large fires, inform the fire brigade that they are dealing with 'chip shop' type fire and their experience will guide them in their approach.

Extinguishing media	Use dry powder, foam or carbon dioxide. Never use water as this may float the oil and spread the fire.
Protective equipment for Fire-fighters	standard

6. Accidental Release Measures

Avoid contact with eyes, skin and clothes. Note that spillage constitute a slippage hazard. Contain spillage with sand orearth, sweep up and dispose of in accordance with a recognised method of waste disposal. There is a danger that cloths or rags used to clean up a spill, or even any absorbent material may spontaneously combust. Any cloths or rags soaked in oil should ideally be burnt. If this is not possible they should be washed in warm soapy water and disposed of without crumpling. Absorbents should be sprayed with water prior to disposal.

7. Handling and Storage

Normal working practice should be employed. Store in a cool, dry place. Avoid contact with copper or copper containing alloys, e.g. brass.

8. Exposure Control and Personal Protection

Use in accordance with good industrial practice. Wear suitable eye protection if there is a risk of splashing.

9. Physical and Chemical Properties

Physical form Liquid

Colour Pale yellow

Odour Slight and characteristic

pH of aqueous solution Not applicable

Boiling point Not determined

Melting point Not determined

Viscosity dependent on grade, 1.0 poise – 2000 poise @ 25 °C

Flash point Greater than 230 °C

Flammability solid/gas Not applicable

Autoflammability Not applicable

Explosive properties Not applicable

Oxidising properties Not applicable

Vapour pressure Negligible

Density Dependent on grade, 0.94 – 1.00 @ 15.5 °C

Water solubility Insoluble

Other solubility Soluble in aromatic and aliphatic hydrocarbon solvents

Bulk density Dependent on grade, 940 – 1000 @ 15.5 °C

Partition coefficient octanol/water Not determined

Explosive limits Not determined

10. Stability and Reactivity

Thermal decomposition Stable under normal conditions of use. A complex mixture of irritating fumes in fire conditions.

Hazardous reactions Danger of spontaneous combustion of rags, cloths or inert absorbent soaked in oil. Ensure these materials are dealt with properly (see accidental release measures).

11. Toxicological Information

Oral No specific data. Expected to be non-toxic.

Dermal Non-toxic. Prolonged and repeated contact may cause slight irritation.

Inhalation Not applicable at ambient temperature.

Eye contact Unlikely to cause irritation.

12. Ecological Information

Biodegradation Expected to be ultimately biodegradable.

Fish toxicity No data, but not expected to be harmful.

Bacterial toxicity No data, but not expected to be harmful.

13. Disposal Considerations

Dispose of according to a recognised method of chemical waste disposal.

14. Transport Information

UN number Not assigned
IMDG code/class Non hazardous
ICAO/IATA (air) class Non hazardous
RID/ADR class Non hazardous
ADNR class Non hazardous

15. Regulatory Information

Not applicable.

16. Other Information

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.