

952 - 304250161

# SAFETY DATA SHEET

## BOILED LINSEED OIL

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

**PRODUCT NAME:** BOILED LINSEED OIL  
**PART No.:** OIBL  
**SUPPLIER:** J.V. Barrett & Co. Ltd  
Barrettine Works, St Ivel Way  
Warmley  
Bristol BS30 8TY  
Tel: 0117 9600060  
Fax: 0117 935 2437

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPOSITION COMMENTS:** Oxidatively polymerised linseed oil containing small quantities of metal driers which act as drying agents. The metal content is less than 0.1% w/w. Hazardous components (metal carboxylates - content quoted as % metal): Cobalt (Xi R38 R43) 0.010% Strontium (Xi R38 0.007%) and Manganese (Xi R38 0.004%).

### 3. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation. Care should be taken when handling hot oil as it may constitute a burns hazard.

### 4. FIRST AID MEASURES

**INHALATION:** Not relevant.  
**INGESTION:** NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.  
**SKIN:** Wash skin thoroughly with soap and water. Get medical attention if irritation persists 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. Get medical attention if any discomfort continues.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Although not classed as flammable, this material will burn in fire conditions. DO NOT try to put out large fires. Small fires: Foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.  
**SPECIAL FIRE FIGHTING PROCEDURES:** DO NOT USE WATER!  
**HAZARDOUS COMBUSTION PRODUCTS:** Dense acrid smoke.  
**PROTECTIVE MEASURES IN FIRE:** Wear self-contained breathing apparatus and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEANUP METHODS:** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. There is a danger that cloths or rags used to clean up a spill, or absorbent material, may spontaneously combust. Any cloths or rags soaked in oil should ideally be burnt. If this not possible they should be washed in warm soapy water and disposed of without crumpling. Absorbents should be sprayed with prior to disposal.

## 7. HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS:** Keep in cool, dry, ventilated storage and closed containers. Avoid contact with copper or copper containing alloys.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**INGREDIENT COMMENTS:** OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** Provide adequate general and local exhaust ventilation.

**PROTECTIVE GLOVES:** Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

**EYE PROTECTION:** If risk of splashing, wear safety goggles or face shield.

**OTHER PROTECTION:** Wear appropriate clothing to prevent any possibility of skin 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. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that 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:** Yellow. Dark. Red brown.

**ODOUR/TASTE:** Characteristic.

**DENSITY/SPECIFIC GRAVITY (g/ml):** 0.942                      **Temperature (°C):** 15.5

**BULK DENSITY:** 942 kg/m<sup>3</sup>

**SOLUBILITY DESCRIPTION:** Insoluble in water. Soluble in: Aliphatic hydrocarbons. Aromatic hydrocarbons.

**FLASH POINT (°C):** >230 **Method:**

## 10. STABILITY AND REACTIVITY

**STABILITY:** Normally stable.

**CONDITIONS TO AVOID:** Danger of spontaneous combustion of rags cloths or inert absorbent soaked in oil. Ensure these materials are dealt with properly (see accidental release measures).

**HAZARDOUS DECOMP. PRODUCTS:** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

**SKIN:** Prolonged and repeated contact may cause slight irritation.

**HEALTH WARNINGS:** No specific health warnings noted.

## 12. ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Not regarded as dangerous for the environment.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

## 14. TRANSPORT INFORMATION

**RAIL TRANSPORT NOTES:** Not Classified.

**SEA TRANSPORT NOTES:** Not Classified.

**AIR TRANSPORT NOTES:** Not Classified.

## 15. REGULATORY INFORMATION

NC Not classified

**RISK PHRASES:** Not classified.

**SAFETY PHRASES:** S-16 Keep away from sources of ignition - No Smoking.  
S-36 Wear suitable protective clothing.  
S-43 In case of fire, use: If water increases the risk, add: 'Never use water'.

**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).

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**16. OTHER INFORMATION**

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