



**MATERIAL
SAFETY
DATA SHEET**
Revised 24th June 2004

BOILED LINSEED OIL

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product/Material: **BOILED LINSEED OIL**
Product Description:
Trade Name: Double Boiled Linseed Oil
Chemical Family: Vegetable Oil
Manufacturer: R.K. & J. Jones Ltd.
Address: Southery Road
Feltwell
Thetford
Norfolk
IP26 4EH
Emergency Telephone No(UK): 01842 828101

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

A naturally occurring triglyceride vegetable oil derived from the seed of the flax plant *linum usitatissimum*, which has been processed

Risk phrases: None required
Safety phrases: None required

SECTION 3: HAZARDS IDENTIFICATION

There are no hazards that require labelling as the oil is relatively safe.

CARE SHOULD BE TAKEN WHEN HANDLING HOT OIL AS IT MAY CONSTITUTE A BURNS HAZARD.

SECTION 4: FIRST AID MEASURES

Inhalation: Not applicable
Skin contact: Wash with warm soapy water
Eye contact: Bathe immediately with suitable materials, and although the oil should not cause any problems, medical advice should be sought.
Ingestion: Do not induce vomiting. Give water or milk to drink and seek medical advice.

SECTION 5 : FIRE FIGHTING MEASURES

The oil is not flammable but will give off a heavy acrid smoke.

Suitable Extinguishing Media: Use carbon dioxide or foam, rather than powder which could react with the oil.
Unsuitable Extinguishing Media: Do not use water as this may spit and spread the fire.
Decomposition/Combustion Products: Prolonged heat at above 200°C will cause combustion, which could irritate both the eyes and nasal passages.

SECTION 6: ACCIDENTAL RELEASE MEASURES/SPILLS AND LEAKS

No evacuation is necessary as no chemical reaction will take place.

Personal Precautions:	No special precautions are necessary.
Environmental Precautions:	Being of a natural source, this oil has no detrimental impact.
Cleaning Up Method:	Contaminated areas will be slippery and should immediately be cleaned with detergents. Linseed Oil is a drying oil which left over a few days, will form a hard film.

SECTION 7 : HANDLING AND STORAGE

Precautions for Safe Handling:	Wear non absorbent gloves, and goggles when oil is hot avoid extreme temperatures both high and low, and do not store in copper or copper related containers as it could affect the oil's colour.
Conditions for Safe Storage:	Handling & Storage present few hazards provided good housekeeping and cleanliness are maintained.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Limits:	No special precautions are necessary, although sensible industrial clothing is recommended.
Respiratory Protection:	None required at atmospheric temperature.
Hand Protection:	Barrier creams are a sensible precaution, and if handling regularly, non-absorbent gloves.
Eye Protection:	When the oil is hot.
Skin Protection:	Wear sensible industrial clothing, washed regularly.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	A clear, brown /yellow liquid.
Odour:	Slight to characteristic
PH:	N/A
Boiling Point/Boiling Range(°C):	Not determined.
Melting Point/Melting Range (°C):	Not applicable.
Flash Point (°C)/Method Used:	> 230°C
Flammability Limits (% by volume):	Not flammable at normal temperatures.
Autoflammability (°C):	May auto-ignite over 200°C.
Explosive Properties:	Not applicable.
Oxidising Properties:	Not applicable.
Vapour Pressure (mm Hg) (20°C):	Not measurable.
Relative Density (@ 20°C):	0.9420-.9500
Water Solubility (% by wt):	Insoluble.
Other solubility:	Soluble in most solvents.
Viscosity (@ 20°C):	About 50 centipoise.
Colour:	Max 13 Gardner.

SECTION 10 : STABILITY AND REACTIVITY

Stability:	This oil is very stable.
Conditions to Avoid:	If exposed to direct sunlight for a few days, bleaching of the colour may occur.
Materials to Avoid:	There is a danger of spontaneous combustion if absorbed into porous materials (e.g. rags).
Hazardous Decomposition Products:	Will cause irritation to eyes and nasal passages, but under normal conditions this is not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Data:	This oil is considered non- toxic
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SECTION 12 : ECOLOGICAL INFORMATION

Environmentally Dangerous Ingredients: Being of a natural source, this oil has no long lasting effect.

Persistence and Degradability: Ultimately completely biodegradable.

Aquatic Toxicity: Not data available but not expected to be toxic

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal: Different local authorities may have particular regulations disposal of large quantities, but otherwise the use detergent will be sufficient.

National or regional Legislation: None.

SECTION 14 : TRANSPORT INFORMATION

UN Number: Not applicable.

RID-ADR: Not applicable.

IMDG Classification: Not applicable.

IMCO: Not applicable.

ICAO: Not applicable.

SECTION 15 : REGULATORY INFORMATION

Classification: There are no regulations that apply to this product.

Risk Phrases: There is no requirement to label this product.

C.A.S. NO: 8001-26-1

E.I.N.E.C.S. NO: 232-278-6

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

This oil is not subject to any form of animal testing. Important that the danger of spontaneous combustion is brought to the customer's attention - after use, any porous materials should either be washed immediately or disposed of. Brushes etc. should be cleaned with White Spirit and then washed with detergents. If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used. The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

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