



## SAFETY DATA SHEET

# (Pale) (Double) Boiled Linseed Oil

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Name	(Pale) (Double) Boiled Linseed Oil
Synonyms	Oxidised Linseed Oil with Siccatives/Driers.
Chemical Name	Linseed Oil, Oxidised.
CAS No.	68649-95-6
EC No.	272-038-8
REACH Registration No.	None assigned.

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

Identified Use(s)	Binder in coatings: Paints , Fillers , Putties , Inks , Sealants
Uses Advised Against	Not known.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

Company Identification	Multicrete Products Limited
Address of Manufacturer	Units 1-2 Commerce Street Carrs Industrial Estate Haslingden Rossendale Lancashire
Postal code	BB4 5JT
Telephone:	01706 212135
Fax	01706 217642
E-mail	sales@multicreteproducts.co.uk
Office hours	08.30-16.30

#### Supplier

Company Identification	Multicrete Products Limited
Address of Supplier	Units 1-2 Commerce Street Carrs Industrial Estate Haslingden Rossendale Lancashire
Postal code	BB4 5JT
Telephone:	01706 212135
Fax	01706 217642
E-mail	sales@multicreteproducts.co.uk
Office hours	08.30-16.30

### 1.4 Emergency telephone number

Emergency Phone No.	01706 212135
Contact	Christopher Barrientos

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture



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GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 Not classified as dangerous for supply/use.

### 2.2 Label elements

Product Name According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567  
(Pale) (Double) Boiled Linseed Oil

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) None.

### 2.3 Other hazards

None known.

### 2.4 Additional Information

None.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Linseed oil, oxidised	68649-95-6	272-038-8	>99	Not classified	None

### 3.2 Mixtures

Not applicable.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact Wash skin with water.

Eye Contact Flush eyes with water for at least 15 minutes.

Ingestion Wash out mouth with water.

### 4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media Extinguish preferably with dry chemical, sand, foam or carbon dioxide.

Unsuitable extinguishing media Do not use water.

### 5.2 Special hazards arising from the substance or mixture



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Self-ignition of soiled cloths or rags is possible by autoxidation. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Acrolein

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

### 6.3 Methods and material for containment and cleaning up

Self-ignition of soiled cloths or rags is possible by autoxidation. Absorb spillage in suitable inert material. Transfer to a container for disposal or recovery.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable. Wear protective equipment to comply with good occupational hygiene practice. Wash hands and exposed skin after use. Do not eat, drink or smoke at the work place.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.  
Suitable containers: plastic, Stainless steel, Aluminium

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidising agents, Strongly acidic, Strongly alkaline.

### 7.3 Specific end use(s)

Binder in coatings: Paints, Fillers, Putties, Inks, Sealants

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear protective eye glasses for protection against liquid splashes.



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Skin protection

Wear suitable gloves if prolonged skin contact is likely.  
Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

Normally no personal respiratory protection is necessary.  
Handling of larger amounts : Wear suitable respiratory protection.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Orange -Red.
Odour	Characteristic , Slightly burnt
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	-5°C
Initial boiling point and boiling range	Not known.
Flash Point	165°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	0.94-0.95@ 20°C
Solubility(ies)	Solubility (Water) : Very slightly soluble (<1mg/l @ 20°C ) Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Log Pow >6
Auto-ignition temperature	420°C
Decomposition Temperature (°C)	300°C
Viscosity	Dynamic viscosity : 1P @ 20°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity



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Stable under normal conditions.

#### 10.2 Chemical Stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

#### 10.4 Conditions to avoid

Heat and direct sunlight.

#### 10.5 Incompatible materials

Strong oxidising agents , Strongly acidic , Strongly alkaline.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified. LD50 (oral) mg/kg: >4750
Acute toxicity - Skin Contact	Not classified. LD50 (dermal) mg/kg: >2000
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

#### 11.2 Other information

Not known.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.



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Toxicity - Terrestrial  
Compartment Not classified.

#### 12.2 Persistence and degradability

Readily biodegradable. The product is unlikely to persist in the environment.

#### 12.3 Bioaccumulative potential

The substance has potential for bioaccumulation.  
Log Pow >6

#### 12.4 Mobility in soil

Very slightly soluble. The substance is predicted to have low mobility in soil.

#### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

#### 12.6 Other adverse effects

Not known.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Dispose of empty containers and wastes safely. Recover or recycle if possible.

#### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

### SECTION 14: TRANSPORT INFORMATION

**Not classified as hazardous for transport.**

#### 14.1 UN number

Not applicable

#### 14.2 UN proper shipping name

Not applicable

#### 14.3 Transport hazard class(es)

Not applicable

#### 14.4 Packing group

Not applicable

#### 14.5 Environmental hazards

Not classified as a Marine Pollutant.

#### 14.6 Special precautions for user

Not known

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture



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### United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for Authorisation	Not listed
UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation	Not listed
UK REACH Restrictions List (Annex XIV) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not listed
The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended	Not listed
The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583)	Not listed
The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended	Not listed

### European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP)	Not listed
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### 15.2 Chemical Safety Assessment

United Kingdom	A REACH chemical safety assessment has not been carried out.
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## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:	1-16
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### LEGEND

Hazard Pictogram(s)	None.
Precautionary Statement(s)	None.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative



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### **(Pale) (Double) Boiled Linseed Oil**

Key literature references and sources for data used to compile the SDS

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

#### Disclaimers

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