

Section 1. Identification

1.1 Product Identifier 2117

| | |
|-----------------------|---|
| Product Name | LINSEED OIL |
| CAS Number | 8001-26-1 |
| REACH Registration No | A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date. |

1.2 Relevant identified uses of the substance or mixture & uses advised against

| | |
|------------------|--|
| Uses of Material | Chemical for industrial and laboratory use. Not suitable for domestic use. |
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1.3 Supplier Vickers Laboratories Ltd



Grangefield Industrial Estate
Richardshaw Road
Pudsey
West Yorkshire
LS28 6QW
UNITED KINGDOM

| | |
|---------|----------------------|
| Phone | 44 0113 2362811 |
| Fax | +44(0)113 2362703 |
| Email | safety@viclabs.co.uk |
| Website | www.viclabs.co.uk |

1.4 Emergency Telephone (08:00-16:30) +44(0) 113 2362811 (24hr) 112 (Have this document to hand)

Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to regulation 1272/2008/EC

| | |
|--|--|
| Acute toxicity, category 4 (oral) | H302: Harmful if swallowed. |
| Skin corrosion/irritation, category 2 | H315: Causes skin irritation. |
| Acute toxicity, category 4 (dermal) | H312: Harmful in contact with skin. |
| Acute toxicity, category 4 (inhalation) | H332: Harmful if inhaled. |
| Serious eye damage/irritation, category 2 | H319: Causes serious eye irritation. |
| Skin sensitization, category 1 | H317: May cause an allergic skin reaction. |
| Spec target organ tox - single, category 3 | H335: May cause respiratory irritation. |

2.2 Label elements

Labelling according to regulation 1272/2008/EC

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|-------------------|---------|
| Signal word | Warning |
| Hazard Pictograms | |



| | |
|--------------------------|--|
| Hazard Statements | Harmful if swallowed, inhaled and in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation. |
| Precautionary Statements | Do not breathe fume/vapours. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. IF ON SKIN: Wash with plenty of soap and water. Do not eat, drink or smoke when using this product. Wear protective gloves / protective clothing / eye protection. |

Section 3. Composition

3.1 Substances

| Component | CAS No. | EEC No. | REACH No. | Conc w/w | CLP Classification (1272/2008/CE) |
|-------------|-----------|-----------|-----------|----------|--|
| Linseed oil | 8001-26-1 | 232-278-6 | | >99% | Acute Tox. 4 (O),Skin Irrit. 2,Acute Tox. 4 (D),Acute Tox. 4 (I),Eye Irrit. 2,Skin Sens. 1,STOT SE 3 (I) |

Section 4. First Aid

4.1 Description of first aid measures

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| Eyes | Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION. |
| Skin | Wash off skin thoroughly with water. |
| Inhalation | Remove from exposure. Keep warm and at rest. If discomfort persists OBTAIN MEDICAL ATTENTION. |
| Ingestion | If conscious give plenty of water to drink. Keep warm and at rest. If there is difficulty in breathing give oxygen if available. If breathing stops or shows signs of failing, apply artificial resuscitation. OBTAIN MEDICAL ATTENTION URGENTLY. |
| Personal protection for first aiders | Wear protective gloves / eye protection. |

4.2 Most important symptoms and effects, both acute & delayed.

No further relevant information available.

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

No further relevant information available.

Section 5. Fire Fighting

5.1 Extinguishing media

| | |
|---------------------|--------------------|
| Extinguishing Media | Water spray. |
| Unsuitable Media | Nothing specified. |

5.2 Special hazards arising from the substance or mixture

| | |
|---------|-----------------------------------|
| Hazards | Presents no specific fire danger. |
|---------|-----------------------------------|

5.3 Advice for firefighters

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| Advice for firefighters | Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. |
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Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

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| Personal Protection | Evacuate area immediately. Avoid breathing vapours. |
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6.2 Environmental precautions

Environmental Keep material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

6.3 Methods and material for containment and cleaning up

Major Spillage Contain and absorb on inert material. Transfer absorbent to container for removal and disposal as solid chemical waste. Wash area down with copious amounts of water.

Minor Spillage Wash area down with copious amounts of water.

6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

Section 7. Storage & Handling

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not breath vapours. Do not allow to contaminate clothing.

Ensure Local Exhaust Ventilation maintains vapour concentrations to a minimum.

7.2 Conditions for safe storage, including any incompatibilities

Well ventilated, cool, dry storage .

7.3 Specific end use(s)

See section 1.2.

Section 8. Workplace Exposure & Personal Protection

8.1 Control parameters

| Component | CAS No | Concentration | Workplace Exposure Limits | |
|-------------|-----------|---------------|---------------------------|-------------------------|
| | | | Long Term (8hr TWA) | Short Term 15min period |
| Linseed oil | 8001-26-1 | >99% | - | - |

Exposure data source(s) No occupational exposure data currently available.

8.2 Exposure controls

Respiratory Protection Use L.E.V. or natural ventilation to reduce vapour concentrations to a minimum.

Hand Protection Wear gloves.

Eye Protection Use tightly fitting chemical splash proof glasses or goggles.

Skin Protection Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

Special Hazards No special precautions required.

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance Yellow to orange viscous liquid.

Odour No specific odour.

pH Not applicable

Boiling Point Not available

Melting Point Not applicable

Flash Point 113°C (Closed cup)

Upper Flammable Limit Not applicable

Lower Flammable Limit Not applicable

Auto Ignition Not applicable

Explosive Properties No.

Oxidising Properties No.

Vapour Pressure Not applicable

| | |
|------------------|---------------|
| Relative Density | Not available |
| Water Solubility | Not available |

9.2 Other information

No data available.

Section 10. Stability & Reactivity

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|---|--|
| 10.1 Reactivity | No data available. |
| 10.2 Chemical Stability | Stable under normal conditions |
| 10.3 Possibility of hazardous reactions | No data available. |
| 10.4 Conditions to Avoid | No specific conditions. |
| 10.5 Incompatible Materials | Strong oxidising agents. |
| 10.6 Hazardous Decomposition Products | None unusual. Burning will produce smoke, carbon monoxide and/or carbon dioxide. |

Section 11. Toxicological Information

11.1 Information on toxicological effects

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|----------------------|---|
| Eyes | Causes serious eye irritation. |
| Skin | Harmful in contact with skin. Causes skin irritation. |
| LD50 Skin | Not available |
| Ingestion | Harmful if swallowed. |
| LD50 Oral | Not available |
| Inhalation | Harmful if inhaled. May cause respiratory irritation. |
| LD50 Inhalation | Not available |
| TCLo | Not available |
| Carcinogenicity | Not considered to be a carcinogen. |
| Mutagenicity | Not considered to be a mutagen. |
| Reproductive Effects | None identified. |

Section 12. Ecological

| | |
|---------------------------------------|-----------------------------------|
| 12.1 Toxicity | No specific environmental hazard. |
| LC50 Algal | Not available |
| LC50 Crustacea | Not available |
| LC50 Fish | Not available |
| 12.2 Persistence and degradability | No data available. |
| 12.3 Bioaccumulative potential | No data available. |
| 12.4 Mobility in soil | No data available. |
| 12.5 Results of PBT & vPvB assessment | Assessment not required. |
| 12.6 Other adverse effects | None known at present. |

Section 13. Disposal Considerations

13.1 Waste treatment methods

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| Disposal Methods | Dispose of via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations. |
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Contaminated Packaging Wash out containers with water.

Section 14. Transport Information

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|-----------------------------------|----------------------------------|
| 14.1 UN Number | Non-restricted |
| 14.2 Proper Shipping Name | Non-restricted |
| 14.3 Transport classes | |
| UN classification | None |
| Subsidiary hazard(s) | None |
| Transport category | None |
| ADR Hazard ID | Non-restricted |
| Tunnel Restriction Code | Non-restricted |
| 14.4 Packing Group | None |
| 14.5 Environment hazards | See section 12. |
| 14.6 Special precautions for user | No special precautions required. |
| 14.7 Transport in bulk | Not transported in bulk. |

Section 15. Regulatory Information

15.1 Safety, health and environment regulations specific for substance/mixture.

Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE)

Classification Acute toxicity, category 4 (oral); Skin corrosion/irritation, category 2; Acute toxicity, category 4 (dermal); Acute toxicity, category 4 (inhalation); Serious eye damage/irritation, category 2; Skin sensitization, category 1; Spec target organ tox - single, category 3

Signal word Warning

Hazard Pictograms



Hazard Statements H302+H312+H332, H315, H319, H317, H335
Harmful if swallowed, inhaled and in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation.

Precautionary Statements P260, P305+P351+P338, P302+P352, P270, P280
Do not breathe fume/vapours. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. IF ON SKIN: Wash with plenty of soap and water. Do not eat, drink or smoke when using this product. Wear protective gloves / protective clothing / eye protection.

15.2 Chemical safety assessment

Assessment not required.

Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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