

Reference Number : 150
 Revision Date : 15/07/1994
 Revision Number : 0
 Material / Trade Name : LINSEED OIL, RAW

1 - Substance Identification

(Synonym :)

Material / Trade Name : LINSEED OIL, RAW
 Material Type : Vegetable oil



2 - Composition

| Substance | % Wt. | Cas Number | Eec Number |
|-------------|-------|------------|------------|
| Linseed oil | 100 | 8001-26-1 | 232-278-6 |

3 - Hazard Identification

a) Hazard Symbols:

b) Risk & Safety:

Keep Out Of Reach Of Children
 If Swallowed, Seek Medical Advice And Show This Sheet
 Avoid Contact With Skin And Eyes

4 - First-aid Measures

a) Inhalation:

Not Applicable

b) Eyes:

Irrigate With Water For At Least 15 Minutes
 If Irritation Persists Then Consult A Doctor

c) Skin:

Wash With Soap/cleanser And Rinse With Plenty Of Water
 If Irritation Persists, Obtain Medical Attention

d) Ingestion:

Do Not Induce Vomiting
 Give Plenty Of Water To Drink
 Beware Of Aspiration If Vomiting Occurs
 Seek Medical Attention Immediately

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5 - Fire-fighting Measures

- a) Suitable Extinguishers:
Dry Powder - Blue
Foam - Cream
Carbon Dioxide (CO2) - Black
- b) Unsuitable Extinguishers:
Do Not Use Water
- c) Hazardous Decomposition:
Decomposes To Produce Irritating Fumes
- d) Special Procedures:
Use Approved Self-Contained Breathing Apparatus
Use Water Spray To Cool Containers

6 - Accidental Release Measures

- a) Exposure Controls:
Isolate The Spillage
- b) Personal Protection:
If Skin Contamination Is Likely Wear Impervious Overalls
Wear Suitable Gloves Such As Viton Or Nitrile
- c) Disposal Considerations:
Absorb In Inert Material Such As Sand Or Absorbent Granules
Spray Absorbent With Water
Scoop Up And Place In Plastic Container To Await Transfer
Wash Site Of Spillage With Water
Ensure All Contaminated Rags Are Burnt
Dispose Of In Accordance With Local Authority Regulations

7 - Handling And Storage

- a) Handling:
Avoid Skin Contact
Wash Hands Immediately After Contamination
Avoid Eye Contact
Do Not Put Soiled Cloths Into Pockets
- b) Storage:
Store In Tightly Closed Labelled Containers
Store In Cool, Dry, Well Ventilated Area
Store Away From Oxidising Materials
Store Away From Chlorinated Materials

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8 - Exposure Controls

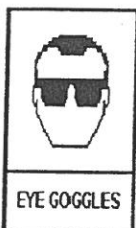
Occupational Exposure Limit : Not assigned
 Biological Exposure Limit : Not determined



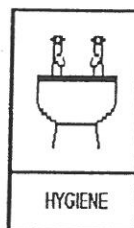
Wear Suitable
 Gloves Such As
 Viton Or Nitrile



Avoid Skin Contact



If Splashing Is
 Likely



If Skin Is
 Contaminated, Wash
 Off Immediately

9 - Physical & Chemical Properties

| | |
|-----------------------|---------------------------------------------|
| Appearance | Yellowish liquid |
| Odour | Oily. If fresh the odour is sweet. |
| Ph | n/d |
| Boiling Point/range | >300oC |
| Melting Point/range | <0oC |
| Flash Point | >230oC |
| Flammability | NON-FLAMMABLE |
| Autoflammability | >300oC |
| Explosive Properties | n/d |
| Oxidising Properties | n/d |
| Vapour Pressure | n/d |
| Relative Density | 0.930 - 0.936 (15.5oC/4oC) |
| Solubility | Insoluble in water, soluble in white spirit |
| Partition Coefficient | n/d |
| Miscibility | See solubility |
| Vapour Density | n/d |
| Evaporation Rate | n/d |
| Viscosity | <1 Poise |
| Colour (Gardner): | 11-12 |
| Saponification value: | 188-195 |
| Iodine value: | 175 min |
| | n/d - not determined |

10 - Stability And Reactivity

Stability: Stable - No Dangerous Reactions Known
 Hazardous Polymerisation: Will Not Occur
 Materials To Avoid: Oxidising Agents
 Materials To Avoid: Chlorine Containing Materials
 Conditions To Avoid: Heat

11 - Toxicological Information

Health Effects: Repeated Skin Contact May Cause Sensitisation
 Health Effects: Irritating To Eyes
 Health Effects: Irritating To Skin
 No Toxic Effects Known

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12 - Ecological Information

Not Expected To Bioaccumulate
 Not Expected To Be Toxic To Aquatic Life
 Not Expected to Persist In The Environment

13 - Disposal Considerations

Do Not Discharge Into Drains Or Watercourses
 Spent Clay May Spontaneously Combust If No Special Precautions Taken
 Dispose Of In Accordance With Local Authority Regulations

14 - Transport Information

UN/SI Number: n/a
 IMO: n/a
 IATA/ICAO: n/a
 ADR/RID: n/a
 Transport Name: UK Road - NON-HAZARDOUS
 Hazchem/Kemler Code: n/a

Packing Grp: n/a
 Packing Grp: n/a
 Item: n/a

Marine Pollutant: No

15 - Regulatory Information

a) Hazard Symbols:

b) Risk & Safety:

Keep Out Of Reach Of Children
 If Swallowed, Seek Medical Advice And Show This Sheet
 Avoid Contact With Skin And Eyes

c) Other Regulations:

Health & Safety At Work Act 1974
 Control Of Substances Hazardous To Health Regulations 1988
 Environmental Protection Act 1990

d) Transport Information:

UN/SI Number: n/a
 IMO: n/a
 IATA/ICAO: n/a
 ADR/RID: n/a
 Transport Name: UK Road - NON-HAZARDOUS
 Hazchem/Kemler Code: n/a

Packing Grp: n/a
 Packing Grp: n/a
 Item: n/a

Marine Pollutant: No

16 - Other Information

Warning: Soiled Cloths May Spontaneously Combust
 All Soiled Cloths Should Be Incinerated After Use
 Or Soak In Warm Soapy Water For 5 Minutes Then Placed Flat In A Bin