

MATERIAL SAFETY DATA SHEET 2001/58/EC
RAW LINSEEDOIL

1) Identification of the substance and of the company

Identification of the substance: RAW LINSEEDOIL

Alternative names: Crude (degummed) linseedoil, Plata linseedoil, Coldpressed (raw) linseedoil

Identification of the supplier: NV SCALDIS-RUIEN SA

Address: Avelgemstraat 4, B-9690 Kluisbergen, Belgium

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2) Composition and information on ingredients

Composition: vegetable triglyceride oil, derived from the flax plant *Linum usitatissimum*, delivered in its raw form, with a fatty acid spread of about:

| | | |
|----------------|-------|----------|
| palmitic acid | C16:0 | 5 - 7% |
| stearic acid | C18:0 | 3 - 6% |
| oleic acid | C18:1 | 20 - 30% |
| linoleic acid | C18:2 | 15 - 20% |
| linolenic acid | C18:3 | 45 - 55% |

CAS-number: 8001 26 1

EINECS-number: 232 278 6

Hazardous components: none (R-phrases: none, S-phrases: none)

3) Hazards identification

Main hazard: none that require special labelling

Special hazard: self-ignition of soiled clothes or rags is possible: burn up or spread out to dry

4) First-aid measures

Eye contact: flush with plenty of water; call for medical advice if necessary

Skin contact: wash with water and soap

Ingestion: laxative, not toxic; call for medical advice if necessary

Inhalation: not applicable, no vapours at ambient temperatures

5) Fire-fighting measures

Extinguishing media:

suitable: CO₂, foam, dry powder, sand

not to be used: water may spit and spread the fire

Dangers during combustion: production of a heavy acrid smoke, drops can cause severe burns

Protection against fire: keep away from flames and sparks

Special exposure hazards: prolonged heating at 230 °C can cause combustion and decomposition

6) Accidental release measures

Linseedoil is a drying oil, which, if left over a few days, will form a hard film

After spillage/leakage: evacuation is not necessary

on soil: wear slip-proof shoes, clean and wash with water and soap, contain larger volumes with sand or earth, sweep up and dispose of in accordance with regulations, spray regularly and keep moist to prevent self ignition

in water: the product floats and can be skimmed off

7) Handling and storage

Handling: respect the normal precautions for handling liquid chemicals, wear non-absorbent gloves and safety goggles when handling hot oil

Storage: store in a cool, dry and dark place, use plastic and/or steel drums/containers/tanks, keep away from oxidising chemicals

8) Exposure control and personal protection

Ingredients with threshold limits: none
Respiratory protection: not required at normal temperatures
Hand protection: use barrier crèmes or wear non-absorbent gloves when handling regularly
Eye protection: wear safety goggles when handling hot oil
Skin protection: wear normal industrial clothing and wash regularly

9) Physical and chemical properties

Physical state (20 °C): liquid
Colour: brown to amber
Odour: typical vegetable oil
Melting point (1013 hPa): below 0 °C
Boiling point (1013 hPa): above 300 °C, with decomposition
Density (20 °C): 0,926 - 0,933
Vapour pressure (20 °C): very low, (100 °C): very low
Viscosity (20 °C): ± 0,5 Poise
Solubility in water: insoluble
Soluble in: aliphatic hydrocarbon and aromatic solvents
Flash point: above 250 °C
Auto-ignition temperature: very high

10) Stability and reactivity

Conditions to avoid: very fine dispersions may possibly self ignite in contact with air
Materials to avoid: avoid contact with strong oxidising chemicals
Hazardous decomposition products: stable under normal conditions, produces a complex mixture of irritating fumes during combustion

11) Toxicological information

The oil is not considered as toxic
Oral: harmless, no side effects encountered
Skin: harmless, no side effects encountered
Inhalation: under normal conditions, this oil does not exude any fumes
Eyes: harmless, flush immediately with plenty of water

12) Ecological information

Biodegradation: RDA-test > 40%, considered ultimately biodegradable
Fish toxicity: no data available, not considered as toxic
Bacterial toxicity: no data available, not considered as toxic

13) Disposal instructions

Keep the product out of the sewage and of the surface waters
Waste and used packing should be treated according to local regulations

14) Transportation information

Following our present state of knowledge, there are no restrictions

15) Regulatory information

Following our present state of knowledge, not to be classified according to directives 67/548/EEC, 76/769/EEC and 1999/45/EC

16) Other information

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