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## MATERIAL SAFETY DATA SHEET 2001/58/EC LINSEED STANDOIL

### 1) Identification of the substance and of the company

Identification of the substance: LINSEED STANDOIL

Alternative names: (Heat) bodied linseedoil, (Heat) polymerised linseedoil

Identification of the company: 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*, which has been refined and thermally polymerised, yielding a mixture of triglycerides and inter-molecular polymers (Diels Alder condensates)

CAS-number: 67746 08 1

EINECS-number: N/A

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

Skin contact: wash with water and soap

Ingestion: laxative, call for medical advice

Inhalation: not applicable, no vapours at ambient temperatures

### 5) Fire-fighting measures

Extinguishing media:

suitable: CO<sub>2</sub>, 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 to viscous  
Colour: yellow to orange  
Odour: typical vegetable oil, slightly sour  
Melting point (1013 hPa): below 0 °C  
Boiling point (1013 hPa): above 300 °C, with decomposition  
Density (20 °C): 0,940 - 0,970 (see technical specifications)  
Vapour pressure (20 °C): very low, (100 °C): very low  
Viscosity (20 °C): 2 - 500 Poise (see technical specifications)  
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: no side effects encountered  
Skin: harmless, no side effects encountered  
Inhalation: under normal conditions, this oil does not exude any fumes  
Eyes: flush immediately with plenty of water

### **12) Ecological information**

Biodegradation: RDA-test  $\pm 20\%$ , 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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Information included in this document is given in good faith and constitutes our present state of knowledge relevant to safety regulations. However, we do not accept responsibility for injury or damage, where products supplied by our services are used in applications other than those specified.