

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## linseed oils

Article No.		Issue date:	08.12.20
Version	3.1 ( 08.12.20 )	Page	1 / 8

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name 50 015 - linseed oil, refined  
50 027 - linseed oil, cold pressed

Name INCI  
Name Ph. Eur.  
REACH registration No.  
UFI

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

General use  
Products for creation of art.

Uses advised against

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

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
tel. +49 (0) 211-2509-474  
labor@schmincke.de

#### 1.4 Emergency telephone number

**Emergency  
Information**

**Emergencycall Berlin  
+49 30-30686700  
(24/7 counseling in german and english)**

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

#### 2.2 Label elements

##### Labelling

##### Signal word

##### Hazard statements

no hazard labelling required

##### Safety precautions

##### Hazard components for labelling

##### Text for labelling (CLP)

Materials soiled with product such as cleaning rags, tissues and protective clothing, may ignite spontaneously a few hours later.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## linseed oils

Article No.		Issue date:	08.12.20
Version	3.1 ( 08.12.20 )	Page	2 / 8

### 2.3 Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterisation

oil

CAS-Number                    50 015: 8001-26-1  
                                      50 016: 84776-62-5  
                                      50 025: 8001-21-6  
                                      50 027: 8001-26-1

EINECS / ELINCS / NLP  
EU index number  
Customs tariff number  
REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number

### 3.2 Mixtures

#### Additional information

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Immediately remove all contaminated clothing.

#### In case of inhalation

Move victim to fresh air. Seek medical aid in case of troubles.

#### In case of skin contact

Thoroughly wash skin with soap and water. Seek medical attention if irritation persists.

#### After eye contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.  
Seek medical attention if irritation persists.

#### After swallowing

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Seek medical treatment in case of troubles.

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

No data available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

#### Extinguishing media which must not be used for safety reasons

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## linseed oils

Article No.		Issue date:	08.12.20
Version	3.1 ( 08.12.20 )	Page	3 / 8

Full water jet

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

In case of fire may be liberated: Acrolein, Carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

Special protective equipment for firefighters

Additional information

## SECTION 6: Accidental release measures

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

Wear suitable protective clothing. Avoid contact with skin, eyes, and clothing.

### **6.2 environmental precautions**

Discharge into the environment must be avoided.

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

Methods for cleaning up

Collect mechanically using liquid-binding material (sand, diatomaceous earth, universal binding agents). Dispose of waste in accordance with local, state, and federal regulations. Do not pick up with the help of saw-dust or other combustible substances.

Additional information

### **6.4 Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

## SECTION 7: Handling and storage

### **7.1 Precautions for safe handling**

Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation.

Precautions against fire and explosion

Spontaneous ignition possible through autoxidation of cloths soaked in the product.

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

Requirements for storerooms and containers

Store in a well-ventilated place. Keep container tightly closed.

storage temperature 10 - 30 °C

Hints on joint storage

Storage class

Further details

### **7.3 Specific end use(s)**

No special measures necessary if stored and handled as prescribed.

## SECTION 8: Exposure controls/personal protection

### **8.1 Control parameters**

### **8.2 Exposure controls**

#### **Occupational exposure controls**

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Goggles

Body protection

Protect skin by using skin protective cream. Wear suitable protective clothing.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## linseed oils

Article No. Issue date: 08.12.20  
Version 3.1 ( 08.12.20 ) Page 4/ 8

### General protection and hygiene measures

Wash hands before breaks and after work. Wash contaminated clothing prior to re-use.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form liquid  
Colour yellowish up to amber, clear  
Odour characteristic

	min	max	
Initial boiling point and boiling range	350 °C		
Melting point/freezing point			
Flash point/flash point range	280 °C	330 °C	
Flammability			
Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
PH			
Viscosity	35	55 mPas	20 °C
Viscosity			
Vapour pressure			
Density		0,90 - 0,95 kg/l	
Partition coefficient: n-octanol/water			

Danger of explosion

### 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Materials soiled with product such as cleaning rags, tissues and protective clothing, may ignite spontaneously a few hours later.

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide and carbon dioxide

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 oral( Rat): (oral): > 2000 mg/kg

#### In case of inhalation

No data available

#### After swallowing

No data available

#### In case of skin contact

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## linseed oils

Article No.		Issue date:	08.12.20
Version	3.1 ( 08.12.20 )	Page	5 / 8

No data available

**After eye contact**

No data available

**Practical experience**

**General remarks**

## SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity**

**Water Hazard Class** 1

**WGK catalog number**

**General information**

**12.2 Persistence and degradability**

**Further details**

**Oxygen demand**

**12.3 Bioaccumulative potential**

**Bioconcentration factor (BCF)**

**Partition coefficient: n-octanol/water**

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects**

**General information**

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Product**

**Waste key number**

080 111 080111\* waste paint and varnish containing organic solvents or other dangerous substances

**Recommendation**

**Contaminated packaging**

**Waste key number**

**Recommendation**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**Additional information**

## SECTION 14: Transport information

**14.1 UN number**

**14.2 UN proper shipping name**

**ADR, ADN** No dangerous good in sense of these transport regulations.

**IMDG, IATA**

**14.3 Transport hazard class(es)**

**ADR, ADN**

**IMDG**

**IATA**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## linseed oils

Article No.		Issue date:	08.12.20
Version	3.1 ( 08.12.20 )	Page	6 / 8

### 14.4 Packing group

### 14.5 Environmental hazards

Marine Pollutant - IMDG  
Marine Pollutant - ADN

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Code: ADR/RID  
Kemmler-number  
Hazard label ADR  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions  
Special provisions for packing together  
Portable tanks: Instructions  
Portable tanks: Special provisions  
Tank coding  
Tunnel restriction  
Remarks  
EQ  
Special provisions

#### Sea transport (IMDG)

EmS  
Special provisions  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions  
IBC: Instructions  
IBC: Provisions  
Tank instructions IMO  
Tank instructions UN  
Tank instructions Special provisions  
Stowage and segregation  
Properties and observations  
Remarks  
EQ

#### Air transport (IATA-DGR)

Hazard  
Passenger  
Passenger LQ  
Cargo  
ERG  
Remarks  
EQ  
Special Provisioning

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## linseed oils

Article No.		Issue date:	08.12.20
Version	3.1 ( 08.12.20 )	Page	7 / 8

Contents of VOC [%]  
Contents of VOC  
[g/L]  
Further regulations, limitations and legal requirements

### Germany

Storage class  
Water Hazard Class 1  
WGK catalog number  
Incident regulation  
Information on working limitations  
Further regulations, limitations and legal requirements

### Denmark

Further regulations, limitations and legal requirements

### Hungary

Further regulations, limitations and legal requirements

### Great Britain

Further regulations, limitations and legal requirements

### Switzerland

Contents of VOC [%]  
0 %  
Further regulations, limitations and legal requirements

### USA

Further regulations, limitations and legal requirements  
Federal Regulations  
State Regulations

### Canada

Further regulations, limitations and legal requirements

## 15.2 Chemical Safety Assessment

## SECTION 16: Other information

### Further information

#### Hazard statements (CLP)

#### Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

#### Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### Reason of change

#### Additional information

---

<b>Article No.</b>		<b>Issue date:</b>	<b>08.12.20</b>
<b>Version</b>	<b>3.1 ( 08.12.20 )</b>	<b>Page</b>	<b>8 / 8</b>

---

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.