

# SAFETY DATA SHEET

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

## linseed oils

Article No.  
Version 3 ( 07.12.16 )

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### 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

#### 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-Str. 2  
D - 40699 Erkrath  
Tel. +49 (0) 211-2509-0  
Fax. +49 (0) 211-2509-497  
info@schmincke.de  
www.schmincke.de

Dept. responsible for information  
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

<b>Emergency Information</b> <b>Phone #</b>	<b>Emergencycall Berlin</b> <b>(24h - counseling in german and english)</b> <b>+49 (0) 30-30686790</b>
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

no hazard labelling required

#### 2.2 Label elements

##### Labelling (CLP)

##### Signal word

##### Hazard statements

no hazard labelling required

##### Safety precautions

#### 2.3 Other hazards

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

### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

##### Chemical characterisation

oil

CAS-Number 50 015: 8001-26-1

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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

High power 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

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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.

##### **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

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### Flammability

Ignition temperature

Auto-ignition temperature

Explosion limits

Refraction index

Partition coefficient: n-octanol/water

Danger of explosion

Vapour pressure

Density 0,90 -  
0,95 kg/l

PH value

Viscosity dynamic of 35 20 °C

Viscosity dynamic up to 55 mPas 20 °C

Viscosity kinematic of

Viscosity kinematic up to

## 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

No data available

#### After eye contact

No data available

### Practical experience

### General remarks

### Toxicological tests

## SECTION 12: Ecological information

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### 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

### Ecotoxicological effects

## 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

### 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

### 14.4 Packing group

### 14.5 Environmental hazards

Marine Pollutant - IMDG  
Marine Pollutant - ADN

### 14.6 Special precautions for user

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### Land transport

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

### Inland waterway craft

Hazard label  
Limited quantities  
Transport permitted  
Equipment necessary  
Ventilation  
Remarks  
EQ  
Special provisions

### Sea transport

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

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

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### National regulations

#### Europe

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

#### Japan

Further regulations, limitations and legal requirements

#### 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

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R.20 (Table of terms and abbreviations).

**Reason of change**

**Additional information**