

MATERIAL SAFETY DATA SHEET

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

50 014 - boiled linseed oil

Article No.		Issue date:	01.04.16
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name 50 014 - boiled linseed oil

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-Labor:
Mo-Do 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
Phone #

Emergencycall Berlin
(24h - counseling in german and english)
+49 (0) 30-30686790

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

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ignite spontaneously a few hours later.

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterization

oil
siccative

CAS-Number	68649-95-6
EINECS / ELINCS / NLP	
EU index number	
Customs tariff number	
REACH registration No.	01-2119484875-20-xxxx
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

In case of fire, use sand, extinguishing powder or alcohol resistant foam.

Extinguishing media which must not be used for safety reasons

water
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

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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

Protect from light.

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

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9.1 information on basic physical and chemical properties

Physical state	liquid		
Colour	amber		
Odour	characteristic		
		min	max
Initial boiling point and boiling range			
Melting point/freezing point			
Flash point/flash point range	160 °C		
Flammability			
Ignition temperature			
Auto-ignition temperature	420 °C		
Explosion limits			
Refraction index			
Partition coefficient: n-octanol/water			
Explosive properties			
Vapour pressure			
Density	~ 0,94 kg/l		
PH value			
Viscosity dynamic of	7	20 °C	
Viscosity dynamic up to	10 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

Take precautionary measures against static discharge.

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): ###

In case of inhalation

No data available

After swallowing

No data available

In case of skin contact

No data available

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After eye contact
No data available

Practical experience

General remarks

Toxicological tests

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity
Water Hazard Class 1
WGK catalog number 0
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)

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ADR, ADN
IMDG
IATA

14.4 Packing group

14.5 Environmental hazards

Marine Pollutant - IMDG
Marine Pollutant - ADN

14.6 Special precautions for user

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

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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

Bezeichner in aktueller Sprache fehlt!

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 0
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

Bezeichner in aktueller Sprache fehlt!

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations

USA

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations
Signal Word
-

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Principal Hazards

-

Hazardous Ingredients

-

Hazard Statement

-

Precaution Statement

-

First aid Statements

-

Children's Statement

Not intended for use by children.

Required Statements

Conforms to ASTM D-4236.

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 R.20 (Table of terms and abbreviations).

Reason of change

Additional information

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.