



Product number AIS B020

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SAFETY DATA SHEET

LINSEED OIL VARNISH

for maximum temperature and pressure resistance

Safety data sheet according to 1907/2006/EC, Article 31
LINSEED OIL VARNISH

Date: 02.01.2025 replaces all previous safety data sheets

The latest version may be found on our website: www.a-i-schulze.com

The information provided here is based on our knowledge and experience at the current time. The safety data sheet sets out the safety requirements relating to our product and does not constitute a warranty of any particular properties. It is the responsibility of the consignee of our product to observe the existing laws and regulations.

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

1.1. Product identifier:

Registered trade name: LINSEED OIL VARNISH

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

Usage: For mixing with the product **BIRKOSIT** Dichtungskitt® at a ratio of 1:10

1.3. Details of the supplier of the safety data sheet:

Manufacturer/Supplier:

A.I. Schulze Chemotechnische Fabrik e.K.
Johannes-Robert-Becher-Straße 39
02827 GÖRLITZ
GERMANY

Tel. +49 3581 75005-0

Fax +49 3581 75005-20

email: management@a-i-schulze.com

Further information obtainable from: A.I. Schulze Chemotechnische Fabrik e.K.

1.4. Emergency telephone number:

Tel. +49 3581 75005-10 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Not required



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2.2. Label elements:

The product does not meet the criteria for classification under EC Directives.

2.3. Other hazards:

None

SECTION 3: Composition / information on ingredients

3.1. Chemical characterisation: Mixtures

The product contains the following relevant components.

Linseed oil varnish CAS: 68649-95-6 EINECS: - REACH: -

SECTION 4: First aid measures

4.1. Description of first aid measures:

General information: Change any clothing which has been soiled with the product.

In case of ingestion: Seek fresh air and consult a doctor if symptoms persist.

In case of skin contact: Wash off with plenty of soap and water.

In case of contact with eyes: Hold eyelid open and rinse the eye out under running water for several minutes. Consult a doctor if irritation persists.

If swallowed: Rinse out mouth and then drink plenty of water. Consult a doctor if symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed:

No known symptoms and effects to date.

4.3. Indication of any immediate medical attention and special treatment required:

No known special measures to be taken other than the treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media:

Suitable extinguishing media: Carbon dioxide (CO₂), extinguishing powder or water spray jet. Use water spray jet or alcohol-resistant foam to fight larger fires.



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Unsuitable extinguishing media: Full water jet.

5.2. Special hazards arising from the substance or mixture:

Carbon monoxide (CO), carbon dioxide (CO₂) and acrolein.

5.3. Advice for firefighters:

The product has a tendency to self-ignite if absorbed by e.g. sawdust, clothing or insulating materials.
Risk of self-ignition of finely dispersed hot particles.
Special protective equipment: put on breathing apparatus.
Collect contaminated water separately and do not allow into the drainage system.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Avoid contact with the skin and eyes.

6.2. Environmental precautions:

Take measures to prevent leakage into the drainage system / surface water / groundwater.

6.3. Methods and material for containment and cleaning up:

Absorb any spillages with inert material (sand, infusorial earth). Do not use combustible material, e.g. sawdust. Dispose of contaminated waste as instructed in section 13.

6.4. Reference to other sections:

See section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Avoid contact with the skin and eyes.
Finely dispersed hot particles have a tendency to self-ignite. Keep away from sources of ignition - do not smoke.

7.2. Conditions for safe storage, including any incompatibilities:

Requirements relating to storage areas and containers: Comply with water law requirements.

Instructions on storage alongside other materials: Store separately from oxidising agents.

Further instructions on storage conditions: None



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7.3. Specific end uses:

No further recommendations.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters:

No further measures required over and above those set out in section 7.

8.2. Exposure controls:

Individual protection measures, such as personal protective equipment:

Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work.

Respiratory protection: Not required in well ventilated areas.

Hand protection: Protective gloves. The gloves must be made of impermeable material which is resistant to the product / substance / preparation.

No recommendations can be made as to the best glove material for the product / preparation / chemical mixture as no tests have been carried out.

The suitability of a glove does not only depend on the material but on other quality criteria as well, and varies from manufacturer to manufacturer.

The glove manufacturer is to be consulted about the exact protective life of the gloves.

Eye protection: Safety glasses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Form: Liquid

Colour: Amber

Odour: Mild

9.2. Other information:

Melting point / freezing point: -10 °C

Initial boiling point and boiling range: Not specified

Flash point: 320 °C

Ignition temperature: 300 °C



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Explosion hazards: The product does not present an explosive hazard

Vapour pressure at 20 °C: 1 hPa

Density at 20 °C: 0.94 - 0.95 g/cm³

Solubility in / miscibility with water: Non-miscible or low miscibility.

SECTION 10: Stability and reactivity

10.1. Reactivity:

Not relevant

10.2. Chemical stability:

Stable

10.3. Possibility of hazardous reactions:

Finely dispersed hot particles have a tendency to self-ignite.

10.4. Conditions to avoid:

No decomposition if used as specified.

10.5. Incompatible materials:

Strong oxidising agents.

10.6. Hazardous decomposition products:

Carbon monoxide (CO), carbon dioxide (CO₂) and acrolein.

SECTION 11: Toxicological information

11.1. Information on toxicological effects:

LD/LC50 data relevant to classification: Oral LD50 4986 mg/kg (rat)

Primary irritant effect:

On the skin: No irritant effect.

On the eyes: No irritant effect.

Sensitisation: No known sensitising effect.

Other toxicological information: In our experience and according to our information, the product has no adverse effects on health if used and handled as instructed and as specified.



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SECTION 12: Ecological information

12.1. Toxicity:

Do not allow product to leach into the environment. Decant and treat contaminated waste water before it is discharged into the drainage system.

12.2. Persistence and degradability:

Not relevant

12.3. Bioaccumulative potential:

Not relevant

12.4. Mobility in soil:

Not relevant

12.5. Results of PBT and vPvB assessment:

Not relevant

12.6. Other adverse effects:

Water hazard class **WK 1 (slightly hazardous to waters)** (according to VwVwS publication dated 17.05.1999, formerly WK 0 which has now ceased to exist).

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Do not dispose of the product with household refuse. Do not allow product to leach into the drainage system.

Waste code number: The waste code number according to the Ordinance on the European Waste Catalogue (AVV) depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.

Contaminated packaging: Dispose of as directed by the authorities.

SECTION 14: Transport information

There are **no specific precautions** to be taken. Not classed as hazardous goods under the above ordinances.



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14.1. UN number:

-

14.2. UN proper shipping name:

-

14.3. Transport hazard classes:

-

14.4. Packing group:

-

14.5. Environmental hazards:

-

14.6. Special precautions for the user:

-

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

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SECTION 15: Regulatory information

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

Labelling under EEC Directives: The substance does not meet the criteria for classification according to EC lists or other reference sources known to us. The standard precautions for the handling of chemicals are to be taken.

National regulations:

Major Accidents Ordinance (StörfallIV): Hazardous incident reporting ordinance, annex: Not stated.

Water hazard class: Water hazard class 1 (listed classification): Slightly hazardous to waters, code number: 768

15.2. Chemical safety assessment:

Not relevant

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Training hints: Employees who use the product have to be trained on risks for health, hygiene, use of individual protection, accident preventive actions, rescue actions, etc.



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Department issuing SDS:

ADEEGO GmbH
Wildsteig 4A
42113 WUPPERTAL
GERMANY

Contact: Dr. Axel Deeg

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals.

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

VOC: Volatile Organic Compounds (USA, EU).

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: very Persistent and very Bioaccumulative.

Safety data sheet as at 02.01.2025. Current download version at www.a-i-schulze.com.