

Material Safety Data Sheet (91/155/EWG)

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Date of issue: January 22, 2002

Trade Name: LUKAS *Berlin* linseed oil modified, article no. 2250

1. Identification of the substance, preparation and the company:

Trade Name: LUKAS *Berlin* linseed oil modified, article no. 2250

Manufacturers Name: LUKAS Künstlerfarben & Maltuchfabrik , Dr. Fr. Schoenfeld GmbH & Co.
Manufacturers Address: Harffstr. 40
40591 Düsseldorf – Germany

Phone: ++49-211-78130
Fax: ++49-211-781329
Emergency Phone: ++49-211-781340 (LUKAS laboratory)

2. Composition / Information on Ingredient:

bleached linseed oil, emulsifying agent.

3. Health Hazard Data:

Hazards identification: unknown

Description of dangers: Based on the information available to us, this product is not a hazardous substance in the meaning of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.

Additional information: Warning: some materials like cellulose can ignite in contact with oily products (autoxidation)!

Precautions: Immediately after use, place soiled material in a sealed water-filled metal container.

4. First Aid Measures:

In general: Remove all contaminated clothing immediately.

Inhalation: not applicable

Skin Contact: Wash skin immediately with soap and water. Seek medical attention if skin-irritation persists.

Eye Contact: Remove all eyewear. Rinse eyes thoroughly with water. If irritation develops seek medical attention.

Ingestion: Rinse mouth thoroughly with water. Do not drink any liquids and do not induce vomiting. Seek medical attention immediately if a large quantity has been ingested.

5. Fire Fighting Measures:

Extinguishing Media: water fog, water mist.

Not recommended for security reasons: full power water jet, CO₂.

Particular danger caused by material, it's combustion products or gases: By heating above 300°C production of acrolein (from vegetable oil) is possible. In case of fire product may form carbon monoxide, carbon dioxide and other dangerous substances.

Proper Protective Equipment: protective clothing and a self-contained breathing apparatus

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6. Accidental Release Measures

Air: not applicable
Water: Avoid entry into water and sewage systems. Pay attention to local official rules.
Contain contaminated extinguished water.
Ground: Pick up product with liquid-binding material (sand, acid-binder, universal-binder, sawdust)

Contaminated material should be disposed as mentioned under point 13. Ensure good ventilation.

7. Handling and Storage

7.1 Handling: Handling as usual for working with chemicals:
Keep away from food and drinks.
Avoid direct contact with eyes, skin and clothes.
Avoid open fire as product is flammable.
Danger: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Contains: Oxidizing oil. Immediately after use, place soiled material in a sealed water-filled metal container.

7.2 Storage: Store in a cool area and avoid direct sunlight.
Use appropriate container to avoid environmental contamination.
Avoid release to the environment.
Keep out of reach of children.

8. Exposure Controls / Personal Protection

No additional directions necessary; see section 7.

9. Physical and Chemical Properties

Form: liquid
Colour: yellowish
Odour: vegetable oil characteristic
pH value: not applicable
Melting Point: not applicable
Boiling Point: not applicable
Flash Point: approx. 300 °C
Ignition Temperature: not applicable
Explosion Limits: lower explosion limit (%): not applicable
upper explosion limit (%): not applicable
Density: 0,94 g/ml (20 °C)
Solubility in Water: mixable

10. Stability and Reactivity

Conditions to avoid: No thermal decomposition (starts at > 300 °C) when stored and handled correctly.
Dangerous reactions: By heating above 300 °C production of acrolein (from vegetable oil) is possible. In case of fire product may form carbon monoxide, carbon dioxide and other dangerous substances.
Strong reaction with: Strong oxidizing agents and strong acids.

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11. Toxicological Information

There are no data available on the preparation itself.

Sensitising: no sensitising known.

On the basis of information available to us, this product is not a hazardous substance in the meaning of the law on chemicals or the regulations on hazardous substances in the version which is currently valid. If used in a correct way, there should be no negative influence of health.

12. Ecological Information

There are no data available on the preparation itself.

General hint: The product should not be allowed to enter drains or water courses.

Water hazard classs (German regulation) 1 (self-assessment), slightly hazardous for water.

Avoid entry into water, ground and sewage systems.

13. Disposal Considerations

Pick up spilled quantities with universal-binder (kieselguhr) or sand. Dispose of this material and its container at hazardous or special waste collection points. Do not dispose with household waste. Avoid entry into sewage system.

14. Transport Information

Not dangerous according to the transport regulations GGVS/GGVE/RID/ADR/IMDG Code/ICAO-TI.

15. Regulatory Information

Based on the information available to us, this product is not a hazardous substance in the meaning of law on chemicals or the regulations on hazardous substances in the version which is currently valid.

16. Other Informations

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.