

Safety Data Sheet (91/155/EWG)

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date of issue: January 22, 2002

Trade Name: LUKAS medium 7 makes oil colours water paintable, article no. 2238

1. Identification of the substance, preparation and the company

Trade Name: LUKAS medium 7 makes oil colours water paintable, article no. 2238

Manufacturers Name: LUKAS Künstlerfarben & Maltuchfabrik,
Dr. Fr. Schoenfeld GmbH & Co.

Manufacturers Address: Harffstr. 40
40591 Düsseldorf – Germany

Phone: ++49-211-78130

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

2. Composition / Information on ingredients

Content (%)	CAS-No.	Symbol	Risk-phrases	Substance
(1) 10-15	1569-02-4		10	1-ethoxy-2-propanol
(2) 10-15	107-98-2		10	1-methoxy-2-propanol
(3) 0-1	124-68-5	Xi	36/38	2-amino-2-methylpropanol
(4) 10-15		Xn, N	10, 51/53, 65	turpentine substitute

Additional information regarding the chemical characterization: alkyd resin modified with fatty acids, water, turpentine substitutel, 1-ethoxy-2-propanol, 1-methoxy-2-propanol, emulsifying agent, drying agent.

3. Hazards identification

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic enviroment.

4. First Aid Measures

In general: Remove all contaminated clothing immediately.

Inhalation: Move to a well ventilated area. If unconscious, seek medical attention.

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: 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.

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).

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

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7. Handling and Storage

7.1 Handling: Handling as usual for working with chemicals:
Keep away from food and drinks.
Avoid skin contact.
Wash hands immediately after use.
Avoid ingestion.
Avoid breathing vapors.
Keep away from eyes.
When using wear impermeable protective gloves.
When using do not eat, drink or smoke.
Do not store or use near heat or flame.
Use exhaust fan to achieve adequate cross ventilation.

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

8. Exposure Controls / Personal Protection

8.1 Additional hints to the formation of technical installations: Use only in well ventilated areas.

8.2 Components with work-place related limits to be monitored:
See name and CAS no. under point 2.

No.	Type	Value	Unit
(2)	MAK	100	ml/m ³
(4)	MAK	100	ml/m ³

9. Physical and Chemical Properties

Form: liquid
Colour: brownish
Odour: typical
pH value: approx. 9
Melting Point: not applicable
Boiling Point: not applicable
Flash Point: approx. 33,0 °C
Ignition Temperature: not applicable
Explosion Limits: lower explosion limit (%): not applicable
upper explosion limit (%): not applicable
Density at 20 °C: 0,99 g/ml
Solubility in Water: mixable

10. Stability and Reactivity

Conditions to avoid: No thermal decomposition when stored and handled correctly.
Dangerous reactions: No dangerous reactions known. In case of fire product may form carbon monoxide, carbon dioxide and other dangerous substances.

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11. Toxicological Information

There are no data available on the preparation itself.

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) 2 (self-assessment), 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

14.1 Road Transportation:

Class/Cipher/Letter: class 3, cipher 31 c
IMDG: UN number: 1866
Danger Activator: white spirit

14.2 Inland Navigation Transportation:

Class/Cipher/Letter:

14.3 Ocean Navigation Transportation:

Class: class 3.3, page 3379
IMDG: packing group: III
Marine pollutant: mp
EMS-number: 3-05
MFAG: 310

14.4 Air Transportation:

Class: class 3

14.5 Additional Comments:

Correct technical name: resin solution, flammable

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15. Regulatory information

Product includes: white spirit

Risk-Phrases:

R 52/53: Harmfull to aquatic organisms, may cause long-term adverse effects in the aquatic enviroment.

Additional details: packing with child-safety-stopper

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.