

# Safety Data Sheet (91/155/EWG)

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date of issue: January 22, 2002

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Trade Name: LUKAS medium 6 for mixing of egg tempera, article no. 2233

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

*Trade Name:* LUKAS medium 6 for mixing off egg tempera, article no. 2233

*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)

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## 2. Composition / Information on ingredients

Content (%)	CAS-No.	Symbol	Risk-phrases	Substance
(1)	10-15 1569-02-4		10	1-ethoxy-2-propanol
(2)	2-5 107-98-2		10	1-methoxy-2-propanol
(3)	0-1 124-68-5	Xi	36/38	2-amino-2-methylpropanol
(4)	10-15 8006-64-2	Xn, N	10, 20/21/22, 51/53	turpentine oil

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

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## 3. Hazards identification

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

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## 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.

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## 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.

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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).

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 admire 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.

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## 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 <sup>3</sup>
(4)	MAK	100	ml/m <sup>3</sup>

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## 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

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## 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.

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## 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 class (German regulation) 2 (self-assessment), hazardous for water  
Avoid entry into water, ground and sewage systems.

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## 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.

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## 14. Transport Information

### 14.1 Road Transportation:

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

### 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:* turpentine oil

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

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## 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.