

**23300 Permanent Yellow, light**

Edition: 03.04.2002

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Product Information:

Product Name: Permanent Yellow, light  
Article No.: 23300  
Application: Artists' and Restauration Material

Company: Kremer Pigmente GmbH & Co. KG  
Hauptstrasse 41-47, D - 88317 Aichstetten  
Tel. +49 7565 91120 Fax. +49 7565 1606  
www.kremer-pigmente.de, kremer-pigmente@t-online.de

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Characterization: Pigment Yellow 151  
Hazardous component(s): Contains no dangerous substance according to Directive 67/548/EWG

**3. HAZARDS IDENTIFICATION**

Not applicable.

**4. FIRST AID MEASURES**

After inhalation: Move to fresh air. In case of complaints, seek medical advice.  
After skin contact: Remove contaminated clothing immediately. Wash off immediately with soap and plenty of water.  
After eye contact: Rinse immediately with plenty of water and seek medical advice.  
After ingestion: Rinse mouth. Consult physician.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water mist, foam.  
Unsuitable extinguishing media: Water, carbon dioxide, dry extinguishing media.  
Special exposure hazards: Thermal decomposition or burning may release oxides of carbon and nitrogen.  
Special protective measures: Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions: Do not ingest or inhale. Avoid contact with skin, eyes and clothing.

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Environmental precautions:	Prevent contamination of soil, drains and surface waters.
Methods for cleaning up/ taking up:	Take up mechanically and collect in suitable container for disposal. Avoid dust formation and static discharges.

**7. HANDLING AND STORAGE**

*Handling:*

Special measures:	Avoid dust formation.
Spec. Fire and Expl. Precautions:	Dust clouds from finely particulated pigments may be hazardous (dust explosion risk). Take precautionary measures against static discharges. Keep away from heat and sources of ignition.

*Storage:*

Storage conditions:	Keep tightly closed in a dry and cool place.
Storage class:	11, combustible solids

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limit(s) :	See Other Information, Pos. 16
Workplace Hygiene:	Keep away from food and drink. Follow good industrial hygiene practice.
Protective measures:	
- Respiratory protection:	Respirator must be worn if exposed to dust.
- Eye protection:	Wear suitable goggles.
- Skin protection:	Wear protective gloves (nitrile rubber).
- Body protection:	Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	powder
Color:	yellow
Odor:	odorless
Melting point/range:	not applicable
Boiling point/range:	not applicable
Autoignition temperature:	> 220°C
Vapor pressure:	not applicable
Density:	1.5 g/cm <sup>3</sup> at 20°C
Bulk density:	230 kg/m <sup>3</sup> at 20°C
Water solubility:	insoluble at 20°C
pH-Value:	neutral at 20°C, 10 g/l

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**10. STABILITY AND REACTIVITY**

Thermal stability: Decomposition temperature: > 350°C (as product)  
Hazardous reactions: None if stored and handled according to specifications.  
Hazardous decomp. products: None if stored and handled according to specifications.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity: LD<sub>50</sub>: >2000 mg/kg Species: rat  
Acute inhalation toxicity:  
Skin irritation acute: non-irritating Species: rabbit  
Eye irritation acute: non-irritating Species: rabbit

**12. ECOLOGICAL INFORMATION**

Biological degradability: Product is not very soluble in water. Therefore, no ecotoxicological tests could be carried out.  
Fish toxicity: Not determined  
Daphnia toxicity: Not determined  
Sludge toxicity: Not determined  
Algae toxicity: Not determined

**13. DISPOSAL CONSIDERATIONS**

Disposal: Burning or disposal in accordance with local regulations for chemical waste.

**14. TRANSPORT INFORMATION**

Transport Railway and Road: RID/ADR Class: free  
UN-No.: free  
Transport Air: IATA Class: free  
UN-No.: free  
Transport Sea: IMDG Class: free  
UN-No.: free

**15. REGULATORY INFORMATION**

Labelling in accordance with EC Regulations: hazard warning not compulsory  
National Regulations:  
Water hazard classification: 1, slightly hazardous

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**16. OTHER INFORMATION**

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.