

1. Identification of the Substance/Preparation and of the Company/Undertaking*Identification of the Product*

Product Name: Irgazin® Yellow, greenish
Article No.: 23330
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
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2. Hazard Identification

Hazard designation: Product is not considered to be hazardous according to EC Guideline 67/548/EWG.
Risk of dust explosion.

3. Composition/Information on Ingredients

Chemical Characterization: Azomethine-Copper complex.
Pigment Yellow 129, C.I. No. 48042
CAS No.: 15680-42-9

4. First Aid Measures

After inhalation: Take affected person to fresh air and seek medical advice in case of complaints.
After skin contact: Remove contaminated clothing. Wash off immediately with plenty of water and soap.
After eye contact: Rinse open eyes with plenty of water for at least 15 minutes.
After ingestion: Rinse mouth with plenty of water and consult physician.

5. Fire-Fighting Measures

Suitable extinguishing media: Water mist, extinguishing powder, foam, carbon dioxide.
Special hazards: In case of fire: formation of carbon and nitrogen oxides.
Formation of hazardous combustion gases or vapors possible in the event of fire.
Further information: Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

Personal precautions: Avoid contact with skin, eyes and clothing. Do not ingest or inhale.
Environmental precautions: Prevent contamination of soil, drains and surface waters.
Methods of cleaning/absorption: Take up mechanically and collect in suitable container for disposal.
Avoid dust formation and static discharges. Wear protective gear and self-contained breathing apparatus.

7. Handling and Storage

Handling

Instructions on safe handling:	Avoid contact with eyes, skin and clothing.
Information on fire and explosion protection:	Avoid dust formation. Keep away from sources of ignition - do not smoke. Take precautionary measures against static discharges.

Storage

Storage conditions:	Store in tightly sealed containers in a dry and cool room.
Storage class (VCI):	11; Combustible solids

8. Exposure Controls/Personal Protection

Additional information about design of technical systems:	Provide adequate ventilation in case of dust formation.
Components with workplace control parameters (Germany):	MAC-Value: 1.5 mg/m ³ air-borne fraction (general dust limit) MAC-Value: 4 mg/m ³ inhalable fraction (general dust limit)

Personal protective equipment

General protective measures:	Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of the shift.
Respiratory protection:	Respiratory protection (e.g. FFP 2).
Hand protection:	PVC gloves recommended.
Eye protection:	Safety glasses with protective shields (EN 166).

9. Physical and Chemical Properties

Form:	powder
Color:	yellow
Odor:	odorless
Melting temperature:	> 300°C
Boiling temperature:	not applicable
Flash point:	not applicable
Ignition temperature:	470°C, BAM
Density:	1.60 g/cm ³
Solubility in water:	insoluble
pH-Value:	ca. 7

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided:	Stable when used according to specifications. First exothermic reaction at 360°C (Lütholf Method, 2.5°C/minute).
Products to be avoided:	No information available.
Hazardous decomposition products:	In case of fire: formation of carbon and nitrogen oxides. Formation of other toxic gases and vapors is also possible.

11. Toxicological Information*Acute toxicity*

LD50, oral: > 5000 mg/kg (rat)

Primary effects

Irritant effect on skin: Non irritating (rabbit)

Irritant effect on eyes: Non-irritating to eyes (rabbit)

Sensitization: No sensitizing effect (guinea pig).

12. Ecological Information

Elimination (Persistency and Degradability): The basis pigment is insoluble in water. Preparation has not been examined.

Further ecological effects: Result based on a product with similar composition.
No ecological problems expected.*Further information*

Water hazard class: 1

13. Disposal Considerations

Product: In accordance with current regulations, product may be taken to an incineration plant.

Waste Code Nr.: 061303

Uncleaned packaging: Dispose according to product.

14. Transport Information

Further information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Designation according to EC guidelines: The material is not subject to classification according to EC lists.

Water hazard class: 1, slightly hazardous for water

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 be therefore not be construed as guaranteeing specific properties.