
trade name: LUKAS Pure Artists' Pigments, Zinc white, No. 2404

1. Identification of the substance, preparation and the company

trade name: Pure Artists' s Pigments, Zinc white, No. 2404

Intended use: Pigment for grinding colours

LUKAS Künstlerfarben & Maltuchfabrik
Dr. Fr. Schoenfeld GmbH & Co.
Harffstr. 40
D-40591 Düsseldorf Tel. 0211/7813-0

In case of emergency: 0211/781340 (LUKAS laboratory)

2. Composition/information on ingredients

Name of substance: Zinc oxide
CAS-Nr.: 1314-12-2
Alternative name: PW 4, zinc white

3. Hazards identification

Hazard identification: none known

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

4. First-aid measures

After inhalation dust: consult doctor in case of symptoms.

After skin contact: Instantly wash with water and soap and rinse thoroughly.

After eye contact: Rinse open eye thoroughly with plenty of water. Consult doctor in case of symptoms.

After swallowing: In case of swallowing rinse mouth with plenty of water. Consult doctor in case of symptoms.

5. Fire-fighting measures

Extinguishing media: CO₂, dry powder, water mist

Particular danger caused by material, its combustion products or gases: none known

6. Accidental release measures

Procedure for cleaning: Adsorb mechanically and collect in a suitable container. Avoid production from dust.

In accordance with EU Directives

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7. Handling and storage

Directions for safe handling: Handling as usual for working with chemicals. Avoid production of dust. Avoid skin and eye contact. Keep away from food and drink stuffs.

Storage: Store in a cool and dry place.

8. Exposure controls/Personal protection

No more instructions. See 7.

Components with work-place related limits to be monitored:

MAK: 6 mg/kg (fine dust)

If workplace exposure limit is exceeded apply respiratory protective equipment

9. Physical and chemical properties

Form: powder
Colour: white
Odour: odourless
pH value: 7 - 8
Density: 5,6 g / ml

melting point: > 1970 °C

10. Stability and reactivity

Thermal decompositions: No thermal decomposition when stored and handled correctly.

11. Toxicological information

Acute toxicity: LD 50 (oral, rat) > 10.000 mg/kg

Experiences with human beings: To date handling this product has not been known to cause any detrimental effects.

12. Ecological information

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

13. Disposals considerations

Do not dispose in domestic waste.

Can be disposed of with domestic refuse in accordance with necessary technical regulations following consultation with waste disposal expert(s) and the responsible authorities.

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14. Transport information

Dangerous according to the transport regulations
GGVS/GGVE/RID/ADR/IMDG no

15. Regulatory Information

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

16. Other information

The data presented here correspond to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities.