

MATERIAL SAFETY DATA SHEET

Tianki (China) Enterprise CO.,LTD.
Nanyang ETDZ,Xiaoshan Area
Hangzhou China
sales@tkechem.com

1. Identification of the substance/preparation

Color index name: Pigment Yellow 36

Chemical family and composition: $5\text{ZnO}\cdot\text{CrO}_3\cdot 4\text{H}_2\text{O}$

Color index number: 77955

Product name: Zinc Chrome Yellow

Application:

Anticorrosion pigment, inorganic

2. Composition/information on ingredients

$5\text{ZnO}\cdot\text{CrO}_3\cdot 4\text{H}_2\text{O}$ CAS No.: 49663-84-5

3. Hazards identification

Hazard warning not required

4. First-aid measures

Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.

Skin contact: Cleansing with plenty of water, soap or other non-irritating cleansing agents.

Eye contact: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.

Upon swallowing: If product is swallowed, make the patient drink water. Wash out mouth repeatedly.

If the patient feels unwell, seek medical advice.

5. Fire-fighting measures

Extinguishing media:sand,foam and other dry chemical product.

No restriction in fire situations.

6. Accidental release measures

Take up avoiding formation of dust.

7. Handling and storage

Storage:store in a cool,dry place.

Protection against fire and explosion:no special measure required.

8. Exposure controls/Personal protection

Eye protection:goggles

Respiratory protection:dust-protection mask.

When handling observe the usual precautionary measures for dust-forming products.

9. Physical and chemical properties tested in accordance with

Form:	powdery
Color	yellow
Odour	odourless
Oil Absorption	40g/100g
Chloride Content	0.1%
Solubility in water	insoluble

10. Stability and reactivity

Thermal decomposition:no decomposition when used properly.

Hazardous reactions:no hazardous reactions observed.

11. Toxicological information

Acute toxicity:LD50 oral, rat:>5000mg/kg.

Rabbit skin(24h):non-irritant.

12. Ecological information

Acute fish toxicity:the highest consistency NOEC>2000mg/1/96h.

As the product is practically insoluble in water,it is separated in almost any filtration and sedimentation process.

13. Disposal considerations

Examine possibilities for re-utilization.

May be disposed of in approved landfills provided local regulations are observed.

Return large quantities to manufacturer.

14. Transport information

Not dangerous cargo.Keep separated from foodstuffs.

Avoid sun-scorched and rain-drenched.

15. Regulation and information

Don't be used to the place that child can suck.

Keep separated from foodstuffs.

Observe the local regulation.

16. Other information

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