



**Safety Data Sheet according to
91/155/EEC and ISO 11014-1**

Printed 23.06.2008

Revision 23.06.2008

Kimpigment Chrome oxide green

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

Name of Product	Kimpigment Chrome oxide green
Manufacturer/Distributor	Kimix Chemical Co., Ltd. Add:Rm. 706, Hongshi Mansion, No. 225 Chaowang Rd., RC- Hangzhou 310015, China Phone +86 571 8839 2380, Fax +86 571 8839 0023 Internet www.kimix.com.cn
Advice	Ms. Sherry Xie Phone +86 571 8839 2380
Recommended Intended Purpose(s)	Paints, Coating, Asphaltum, Paving stone, Roofing Tile, Bricks, Concrete block.

2. Composition/Data on components

Chemical characterization:

Chemical Formula: Cr₂O₃, CAS. No.: 1308-38-9 Molecular Weight:151.99

Dangerous components:

None

3. Hazards identification

Hazardous: yes

Inhalation: causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.

Skin contact: causes irritation to skin. Symptoms include redness, itching, and pain.

Eye contact: cause irritation redness, and pain.

4. First Aid measures

First aid for skin: In case of skin contact, immediately flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

First aid for eyes: Flush eyes with plenty of water, lifting lids periodically for at least 15 minutes. Consult a physician if irritation persists.

First aid for inhalation: Remove from dusty area to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

5. Fire fighting measures

Suitable extinguishing media: no restriction

Special hazards caused by the material, its combustion products or resultant gases: none



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Special personal protection equipment: in the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. Accidental release

Environmental protection conduct: Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths.

After spillage/leakage/gas leakage:

Clean up immediately with wetting or absorbent material avoiding dusting

7. Handling and storage

Handling: Usual precautions for nuisance dust should be observed.

Protection against fire and explosion: The product is non-flammable

Storage: Store in roofed places at room temperature. Keep containers tightly sealed.

Flammability Class: not applicable

8. Exposure controls/personal protection

Airborne Exposure limits:

-OSHA Permissible exposure Limit(PEL): For Cr(III)compounds = 0.5mg/m³(TWA)

-ACGIH Threshold Limit Value(TLV): For Cr(III)compounds = 0.5mg/m³(TWA), A4 - Not classifiable as a Human carcinogen.

Skin protection: wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls,

As appropriate, to prevent skin contact.

Eye protection: use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Respiratory protection:

An appropriate dust filter has to be used if a breathable dust is liberated.

9. Physical and chemical properties

Appearance: light to dark green crystalline solid.

Colour: green

Odour: odourless

Solubility: negligible(<0.1%)

Specific Gravity: 5.10

PH: no information found.

Boiling point: 4000C(7232F)

Melting point: 2435C(4415F)

Vapor pressure(mm Hg): not applicable.

Evaporation rate (Buac=1): no information found



10. Stability and reactivity

Hazardous Polymerization: Will not occur.

Stability: Stable Material.

Incompatibilities: Lithium, Glycerol.

Decomposition products: None known.

Conditions to avoid: dusting.

11. Toxicological Information

Because of experiences with the product mentioned, there are no recognizable hazards for human beings, if it is correctly used and applied

12. Ecological information

Environmental fate: when released into the soil, this material is not expected to biodegrade. This material is not expected to significantly bio-accumulate.

Environmental toxicity: no information found.

13. Disposal considerations

Whatever cannot be saved for recycling should be managed in an appropriate and approved waste disposal Facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulation may differ from federal disposal regulations. Dispose of container and unused Contents in accordance with federal, state and local requirements.

14. Transport information

International:

Land transport: ADR/RID/GGVS/GGVE: Not Regulated

Sea transport: IMDG/GGV See UN-No.: Not Regulated

Air transport: ICAO/IATA UN/ID-No.: Not Regulated

U.S. D.O.T.Classification: Not Regulated

CANADA Transport of dangerous goods: Not Regulated

DOT Shipping Name: None

Technical Shipping Name: Inorganic Oxide

DOT Hazardous Classification: Non-Regulated. This product is not classed as a dangerous substance under the Classification, Packaging and Labeling of Dangerous Goods Act.

DOT Hazard Class: Non-Regulated.

DOT Identification Number: None

DOT Labels required: None

DOT Placards required: None. No specific transportation precautions required.

UN Class: None.

UN/NA Number: None.



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15. Regulatory information

Labeling according to EEC Directives: Not Regulated.

SARA

SARA 312:

Health: Immediate (Acute):	No*	Fire:	None
Delayed (Chronic):	No**	Reactivity:	None
		Sudden release of pressure:	None

Not an acute hazard, however may cause irritation due to abrasiveness.

These products are not classified as Carcinogens by the National Toxicology Program, the International Agency for Research on Cancer or the Occupational Safety and Health Administration. We do not know of any chronic health effect from these products. The finished pigment is a fine powder and may increase the risk of respiratory and skin disorders aggravated by dust.

The product is not a substance subject to mandatory marking in accordance with the EEC Directive 67/548/EEC or amendments.

Water risk class: WGK 0 (Self-assessment, acc. To §§7a 19,19a-1 of German Water Utilization Act (WHG))

16. Further information:

Vertical markings at left margin denote alterations of previous issue.

The information contained herein is based on the present state of our knowledge, but without liability.

Department issuing this data sheet: Product safety department
