

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



27800 Kremer Color Paste - Chrome Oxide Green

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Revised edition: 30.07.2015

Version: 3

Printed: 06.09.2024

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Kremer Color Paste - Chrome Oxide Green

Article No.: 27800

UFI:

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Coloring agent

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

E-Mail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product is classified and labelled according to CLP/GHS regulations.

Possible Environmental Effects:
See Section 12.

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:
Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

*EUH208: Contains 2-Methyl-2H-isothiazol-3-one; contains 1,2-
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Benzisothiazol-3(2H)-one. Can cause allergic reactions.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Chrome oxide green pigment suspension. Contains Pigment Green 17, C.I. 77288.
Aqueous dispersion.

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply 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. Consult physician.

After ingestion:

Rinse mouth thoroughly with plenty of water and drink plenty of water. Consult a physician.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

No further information available.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Water mist, extinguishing powder, foam, carbon dioxide.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

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When heated or in case of fire: formation of hazard fumes.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Avoid contamination of sewage system, open water ways and ground water.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, earth, vermiculite or diatomaceous earth) and collect in appropriate containers for disposal.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

No special measures necessary if properly handled.

Hygienic measures:

Wash hands with soap and water.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Protect against frost. Keep containers tightly closed. Do not store above 50°C.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Keep away from sources of heat and ignition - do not smoke.

Storage class:

12; Non-combustible liquids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

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No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Personal Protection

General protective measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

None required under normal operating conditions. Avoid inhalation of vapors/fumes.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Recommended: Protective index 6, corresponding > 480 min. of permeation time according to EN 374.

Nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm).

Eye protection:

Safety glasses (EN 166)

Body protection:

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: green

Odor: characteristic

Odor threshold:

no information available

pH-Value:

7 - 10 (20°C)

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<i>Melting temperature:</i>	<i>not applicable</i>
<i>Boiling temperature:</i>	<i>0°C</i>
<i>Flash point:</i>	<i>0°C (DIN 51376)</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>2 - 2.2 g/m³</i>
<i>Solubility in water:</i>	<i>not determined</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>not determined</i>
<i>Viscosity, dynamic:</i>	<i>600 - 1300 mPa.s (20°C)</i>
<i>Explosive properties:</i>	<i>not available</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	<i>not applicable</i>

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

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Other information:

10. Stability and Reactivity

10.1. Reactivity

No information available.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

No information available.

10.4. Conditions to Avoid

Conditions to avoid:

Protect from heat.

Thermal decomposition:

Avoid heat.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

In case of fire or high temperatures: formation of carbon and nitrogen oxides, and other fumes.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

No information available.

LD50, oral:

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

Non-irritating to eyes

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

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Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

No risk of aspiration.

11.2. Information on other Hazards

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

1,2-Benzisothiazol-3(2H)-one: 16.7 mg/l (96h, *Cyprinodon variegatus*); LC50: 1.9 mg/l (96h, *Oncorhynchus mykiss*; OECD 203); NOEC: 0.21 mg/l (96h, *Oncorhynchus mykiss*; OECD 215)
2-Methyl-2H-isothiazol-3-one: LC50: 6.0 mg/l (96h); NOEC: 2.38 mg/l (28d, OECD 210)

Daphnia toxicity:

1,2-Benzisothiazol-3(2H)-one: EC50: 2.94 mg/l (48h, *Daphnia magna*; OECD 202); EC0: 0.643 mg/l (48h, *Daphnia magna*; OECD 202); EC50: 0.9893 mg/l (96h, *Mysidopsis bahia*); NOEC: 1.2 mg/l (21d, *Daphnia magna*; OECD 211); NOEC: 1.9 mg/l (21d; *Daphnia magna*; OECD 211)
2-Methyl-2H-isothiazol-3-one: EC50: 1.68 mg/l (48h); NOEC: 0.55 mg/l (21d, OECD 211)

Bacteria toxicity:

1,2-Benzisothiazol-3(2H)-one: EC50: 23 mg/ml (3h, active sludge; OECD 209); EC50: > 811.5 mg/kg dw (28d, soil; OECD 216); NOEC: 263.7 mg/kg dw (28d, soil; OECD 216)
2-Methyl-2H-isothiazol-3-one: EC50: 41 mg/l (3h, active sludge; OECD 209)

Algae toxicity:

1,2-Benzisothiazol-3(2H)-one: ErC50: 0.8 mg/l, NOEC: 0.21 mg/l (72h, *Pseudokirchneriella subcapitata*; OECD 201); ErC50: 0.36 mg/l, NOEC: 0.15 mg/l (72h, *Skeletonema costatum*; OECD 201)
2-Methyl-2H-isothiazol-3-one: EC50: 0.157 mg/l (72h); NOEC: 0.03 mg/l (3d, OECD 201)

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

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12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Endocrine Disrupting Properties

No data available.

12.7. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Do not let run into surface waters, waste water or soil.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

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IATA Class:

not applicable

Hazard no.:

14. 4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14. 7. Maritime Transport in Bulk according to IMO Instruments

not applicable

14. 8. Further Information

15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15. 3. Further Information

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.