

Safety Data Sheet

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



10350 Chrysocolla

Page 1

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

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

1.1. Product Identifier

Product Name: Chrysocolla

Article No.: 10350

UFI: --

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

Identified uses:
Pigment

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)*

H302 Harmful if swallowed.
Cat.: 4

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:



GHS07-1

Signal word:

Warning

Hazard designation:

H302 Harmful if swallowed.

next page: 2

Safety Data Sheet

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



10350 Chrysocolla

Page 2

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

Safety designation:

P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Natural mineral, copper silicate, $CuSiO_3$. Pigment Blue 31, C.I. 77437

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes.

After inhalation:

Supply fresh air.

After skin contact:

Wash off immediately with soap and plenty of water and rinse thoroughly.

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

Rinse mouth with plenty of water and consult physician.

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

Symptoms:

No further information available.

Effects:

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

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Product itself does not burn.

Use extinguishing media for surrounding fire.

next page: 3

Safety Data Sheet

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



10350 Chrysocola

Page 3

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No special hazards.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust, wear protective clothing. Keep spectators away.

Ensure adequate ventilation.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable container for disposal. Rinse spill area. Avoid dust formation.

6.4. Reference to other Sections

Dispose of contaminated material according to Section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

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

Hygienic measures:

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Product is not flammable.

Do not store together with: acids.

Storage class:

next page: 4

Safety Data Sheet

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



10350 Chrysocola

Page 4

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

13; Non combustible solids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

No occupational exposure limits known.

Parameters to be controlled:

Derived No-Effect Level (DNEL):

PNEC (Predicted No-Effect Concentration):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

*Wash hands before breaks and after work.
Keep away from foodstuffs, beverages and feed.*

Respiratory protection:

Dust mask.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Safety glasses (EN 166)

Body protection:

Protective clothing.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: green

Odor: odorless

Odor threshold:
not determined

next page: 5

Safety Data Sheet

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



10350 Chrysocolla

Page 5

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

<i>pH-Value:</i>	<i>not applicable</i>
<i>Melting temperature:</i>	<i>not determined</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</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>Density:</i>	<i>4.0 g/cm³ (20°C)</i>
<i>Solubility in water:</i>	<i>practically insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>not applicable</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>not applicable</i>
<i>Oxidizing properties:</i>	<i>not oxidizing</i>
<i>Bulk density:</i>	

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

next page: 6

Safety Data Sheet

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



10350 Chrysocolla

Page 6

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

This material is considered to be stable.

10.4. Conditions to Avoid

Conditions to avoid:

Thermal decomposition:

> 200°C

10.5. Incompatible Materials

Acids

10.6. Hazardous Decomposition Products

No information available.

10.7. Further Information

11. Toxicological Information

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

Acute Toxicity

LD50, oral: 1350 mg/kg (rat)

LD50, dermal: No information available.

LC50, inhalation: No information available.

Primary effects

Irritant effect on skin: No information available

Irritant effect on eyes: No information available.

Inhalation: No information available.

Ingestion: No information available

next page: 7

Safety Data Sheet

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



10350 Chrysocolla

Page 7

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No relevant data found.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

No risk of aspiration.

11. 2. Information on other Hazards

No further information available.

12. Ecological Information

12. 1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12. 2. Persistency and Degradability

Methods for the evaluation of the biological degradability are not applicable for inorganic substances.

12. 3. Bioaccumulation

The product is not hazardous to the aquatic system.

12. 4. Mobility

No data available.

12. 5. Results of PBT- und vPvP Assessment

No data available.

12. 6. Endocrine Disrupting Properties

No data available.

12. 7. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

Avoid subsoil penetration. Prevent product from entering drains.

next page: 8

Safety Data Sheet

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



10350 Chrysocola

Page 8

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

Do not contaminate surface water.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

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.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

next page: 9

Safety Data Sheet

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



10350 Chrysocola

Page 9

Revised edition: 05.05.2025

Version: 1

Printed: 24.06.2025

14. 5. Environmental Hazards

Not classified as environmentally hazardous.

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

14. 8. Further Information

15. Regulatory Information

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

Water hazard class:

0, not hazardous (German Regulation; Self-assessment)

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.