

# Safety Data Sheet

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



## 10960 Purpurite

Page 1

Revised edition: 01.02.2026

Version: 1

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

1.1. Product Identifier

*Product Name:* Purpurite

*Article No.:* 10960

*UFI:*

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

*Identified uses:*

*Pigment in artists colors.*

*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

*EMail:* 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:

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### 2. Hazards Identification

2.1. Classification of the Substance or Mixture

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

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

*Possible Environmental Effects:*

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

next page: 2

# Safety Data Sheet

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



**10960 Purpurite**

Page 2

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

---

*No special hazards known.*

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### 3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

*Chemical Characterization: Purpurite is a natural purple iron-manganese-phosphate.*

*Information on Components / Hazardous Ingredients:*

*Additional information:*

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### 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.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Immediately flush open eyes with plenty of water.*

*After ingestion:*

*Rinse mouth with plenty of water.*

*If symptoms persist 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:*

*No further information available.*

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### 5. Fire-Fighting Measures

5.1. Extinguishing Media

*Suitable extinguishing media:*

*All extinguishing agents suitable.*

*Unsuitable extinguishing media:*

*None known.*

5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*No hazardous combustion products known.*

5.3. Advice for Firefighters

next page: 3

# Safety Data Sheet

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



**10960**      **Purpurite**

Page 3

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

---

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

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## 6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Wear protective clothing.*

*Avoid formation of dust.*

6.2. Environmental Precautions

*Environmental precautions:*

*Do not allow entering sewage system or water.*

6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Clean up mechanically. Avoid dust formation.*

6.4. Reference to other Sections

*See Section 13 for information on disposal.*

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## 7. Handling and Storage

7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Wash hands with soap and water.*

*Avoid formation and deposition of dust. Provide adequate ventilation.*

*Hygienic measures:*

*Wash hands before breaks and after work.*

7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

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

*Protect product from humidity.*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*No special measures necessary.*

*Storage class:*

*10-13 (TRSG 510)*

*Further Information:*

7.3. Specific End Use(s)

*Further information:*

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## 8. Exposure Controls/Personal Protection

next page: 4

# Safety Data Sheet

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



## 10960 Purpurite

Page 4

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

### 8. 1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*PNEC (Predicted No-Effect Concentration):*

*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.*

*Respiratory protection:*

*Dust mask recommended when very dusty.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Eye protection:*

*Safety glasses with protective shields (EN 166).*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

*Prevent from getting into the soil, surface water and sewage system.*

## 9. Physical and Chemical Properties

### 9. 1. Information on Basic Physical and Chemical Properties

*Form: solid*

*Color: purple*

*Odor: odorless*

*Odor threshold: not applicable*

*pH-Value: not applicable*

*Melting temperature:*

*Boiling temperature: not applicable*

next page: 5

# Safety Data Sheet

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



## 10960 Purpurite

Page 5

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

---

|  |                                   |
|--|-----------------------------------|
| <i>Flash point:</i>                                | <i>not applicable</i>             |
| <i>Evaporation rate:</i>                           | <i>not applicable</i>             |
| <i>Flammability (solid, gas):</i>                  | <i>not available</i>              |
| <i>Upper explosion limit:</i>                      | <i>not applicable</i>             |
| <i>Lower explosion limit:</i>                      | <i>not applicable</i>             |
| <i>Vapor pressure:</i>                             | <i>not applicable</i>             |
| <i>Vapor density:</i>                              | <i>not applicable</i>             |
| <i>Density:</i>                                    | <i>2.6 - 2.7 g/cm<sup>3</sup></i> |
| <i>Solubility in water:</i>                        | <i>insoluble</i>                  |
| <i>Coefficient of variation (n-Octanol/Water):</i> | <i>not determined</i>             |
| <i>Auto-ignition temperature:</i>                  | <i>not determined</i>             |
| <i>Decomposition temperature:</i>                  | <i>not applicable</i>             |
| <i>Viscosity, dynamic:</i>                         | <i>not applicable</i>             |
| <i>Explosive properties:</i>                       | <i>no information available</i>   |
| <i>Oxidizing properties:</i>                       | <i>no information available</i>   |

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

next page: 6

# Safety Data Sheet

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



## 10960 Purpurite

Page 6

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

---

### 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  
*Unknown.*
- 10.4. Conditions to Avoid  
*Conditions to avoid:*  
*No further information available.*  
*Thermal decomposition:*
- 10.5. Incompatible Materials  
*None known.*
- 10.6. Hazardous Decomposition Products
- 10.7. Further Information
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### 11. Toxicological Information

11. 1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008
- Acute Toxicity*  
*No toxicity expected.*
- LD50, oral:*
- LD50, dermal:*
- LC50, inhalation:*
- Primary effects*
- Irritant effect on skin:*  
*No irritant effect known.*
- Irritant effect on eyes:*  
*Dust may irritate eyes.*
- Inhalation:*  
*No irritant effect known.*
- Ingestion:*  
*No irritant effect known.*
- Sensitization:*  
*No sensitizing effects known.*
- Mutagenicity:*  
*No mutagenic effects known.*
- Reproductive toxicity:*  
*No negative effects known.*
- Carcinogenicity:*

next page: 7

# Safety Data Sheet

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



## 10960 Purpurite

Page 7

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

---

*No cancerogenic effect known.*

*Teratogenicity:*

*No teratogenic effects expected.*

*Specific target organ toxicity (STOT):*

*Single exposure: no organospecific toxicity expected.*

*Repeated exposure: no organospecific toxicity expected.*

*Aspiration hazard:*

*No risk of aspiration.*

11. 2. Information on other Hazards

*No further information available.*

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## 12. Ecological Information

12. 1. Aquatic Toxicity

*No toxicity expected.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

12. 2. Persistency and Degradability

*No information available.*

12. 3. Bioaccumulation

*No data available.*

12. 4. Mobility

*No data available.*

12. 5. Results of PBT- und vPvP Assessment

*The contents of the preparation do not comply with the criteria for the classification as PBT or vPvB.*

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:*

*Natural product. Environmentally not hazardous.*

*AOX Value:*

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## 13. Disposal Considerations

13. 1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

next page: 8

# Safety Data Sheet

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



## 10960 Purpurite

Page 8

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

---

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Non-contaminated packaging may be recycled.*

*Waste Code No.:*

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### 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:*

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

*not applicable*

14. 8. Further Information

next page: 9

# Safety Data Sheet

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



**10960 Purpurite**

Page 9

Revised edition: 01.02.2026

Version: 1

Printed: 24.02.2026

---

---

## 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 is not necessary for this product.*

15. 3. Further Information

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable  
VOC Content: 0 %*

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## 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.*