SDS · SAFETY DATA SHEET (GHS / REACH)

# Carmoisine Color Powder 1 kg

**Article:** 830004 · **INCI:** CI 14720 (E122)
**Document No.** SDS-37009-EN-2611 · **Revision:** 11.2026

Product page

## 1 Identification of the substance/mixture and of the company

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|---|---|
| **Trade name** | Carmoisine Color Powder 1 kg |
| **Article** | 830004 |
| **INCI** | CI 14720 (E122) |
| **Recommended use** | color cosmetics, candles, epoxy resin, polymer clay |
| **Uses advised against** | None identified. |
| **Supplier** | **Mylo-Opt**<br>1st Pishchanyi Lane, 1, Kremenchuk, Poltava region, Ukraine<br>+38 (063) 690-06-72 · mysoapoptom@gmail.com<br>мыло-опт.com.ua |
| **Emergency telephone** | +38 (063) 690-06-72 (Mon–Fri, 8:00–17:00) |

## 2 Hazards identification

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| **Classification (CLP/GHS)** | Not classified as hazardous. |
| **Label elements** | No pictograms, signal word or H-statements required. |
| **Other hazards** | Dust may irritate eyes and respiratory tract; stains skin and surfaces. Airborne dust at high concentration may present a dust explosion risk. |

## 3 Composition / information on ingredients

Mixture. Components are not classified as hazardous at the stated concentrations unless otherwise stated in section 2.

| Component | CAS | EC | Content, % |
|---|---|---|---|
| CI 14720 | 3567-69-9 | 222-657-4 | 50–95 |
| E122 (Azorubine) | 3567-69-9 | 222-657-4 | 1–40 |

## 4 First aid measures

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| **Inhalation** | Move to fresh air. Seek medical advice if breathing difficulties occur. |

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| **Skin** | Wash off with water and a mild cleanser. |
| **Eyes** | Do not rub. Rinse with plenty of water for 10–15 min. Seek medical advice if irritation persists. |
| **Ingestion** | Rinse mouth with water. Do not induce vomiting. Seek medical advice if unwell. |
| **Most important symptoms** | Mechanical eye irritation, coughing on dust inhalation. |

## 5 Firefighting measures

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| **Flammability** | Organic dust may be combustible at high airborne concentration. |
| **Extinguishing media** | Water spray, foam, dry powder, $CO_2$ – appropriate to surrounding fire. |
| **Hazardous combustion products** | On combustion – carbon oxides (CO, $CO_2$), possibly nitrogen and sulfur oxides. |
| **Firefighter equipment** | Self-contained breathing apparatus and protective clothing. |

## 6 Accidental release measures

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| **Personal precautions** | Avoid dust formation and inhalation. Use protective equipment (section 8). |
| **Environmental precautions** | Do not allow to enter drains or water bodies. |
| **Clean-up methods** | Collect mechanically (vacuum with filter or damp wiping) and place in a closed container for disposal. |

## 7 Handling and storage

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| **Safe handling** | Avoid dust formation. Ensure ventilation. Do not eat or drink while working. Wash hands after handling. |
| **Storage conditions** | in a dry place, in a tightly closed container, protected from direct sunlight, at +5...+30 °C |
| **Incompatible materials** | Strong oxidizers. |

## 8 Exposure controls / personal protection

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| **Occupational exposure limits** | Nuisance dust: 10 mg/m³ (inhalable), 3 mg/m³ (respirable). |
| **Engineering controls** | General and local exhaust ventilation. |
| **Respiratory protection** | FFP2 dust mask where dust is generated. |
| **Eye protection** | Safety glasses with side shields. |

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| **Hand protection** | Nitrile gloves. |

## 9 Physical and chemical properties

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| **Physical state / appearance** | powder |
| **Color** | red |
| **Odor** | odorless |
| **Particle size** | 100-180 µm |
| **pH** | 6–9 (1 % solution) |
| **Melting point** | > 250 °C (decomposition) |
| **Density** | 1.4–1.8 g/cm³ |
| **Bulk density** | 0.4–0.8 g/cm³ |
| **Solubility** | water, aqueous phase, glycerin |
| **Flash point** | not applicable / > 100 °C |
| **Explosive properties** | none |

## 10 Stability and reactivity

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| **Chemical stability** | Stable under recommended storage conditions. |
| **Conditions to avoid** | Moisture, direct sunlight, heating. |
| **Hazardous decomposition** | On combustion – carbon oxides (CO, $CO_2$), possibly nitrogen and sulfur oxides. |

## 11 Toxicological information

Contained food dyes have low acute toxicity: LD50 oral (rat) > 2000 mg/kg. Not irritating to skin. May temporarily stain skin. Some azo dyes may cause intolerance reactions in sensitive individuals.

## 12 Ecological information

Water-soluble dyes, readily color water. Not readily biodegradable but do not bioaccumulate. Low acute aquatic toxicity (EC50 > 100 mg/L). Not PBT/vPvB.

## 13 Disposal considerations

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| **Product** | Dispose of in accordance with local regulations; do not discharge large quantities into drains. |

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| **Packaging** | Dispose of or recycle empty packaging. |

## 14 Transport information

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| **UN number** | Not applicable |
| **ADR / RID / IMDG / IATA** | Not regulated as dangerous goods. |
| **Special precautions** | None required. |

## 15 Regulatory information

Regulation (EC) No 1907/2006 (REACH), Regulation (EC) No 1272/2008 (CLP). Colorants contained are permitted food additives under Regulation (EC) No 1333/2008; use within established limits.

## 16 Other information

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|---|---|
| **Revision date** | 11.2026 |
| **Version** | 1.0 |
| **Document No.** | SDS-37009-EN-2611 |
| **Note** | The information reflects current knowledge and relates only to the product specified. It does not constitute a guarantee of properties for any specific application. |