

# Safety Data Sheet

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



## 23202 CPT - Scarlet Red

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Revised edition: 04.12.2020

Version: 2.2

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

#### 1.1. Product Identifier

*Product Name:* CPT - Scarlet Red

*Article No.:* 23202

*UFI:* --

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

*Identified uses:*  
Coloring component

*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:

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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)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

*This product is capable of dust explosion under certain circumstances.*

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### Composition/Information on Ingredients

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### 3.

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Azo condensation; Pigment Red 166, C.I. 20730

*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 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. In case of discomfort seek medical help.*

*After ingestion:*

*Rinse mouth with plenty of water and consult physician.*

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

*Symptoms:*

*None known.*

*Effects:*

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

*Treatment:*

*Symptomatic treatment (decontamination, vital functions), no specific antidote known.*

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Extinguishing powder, foam.*

*Unsuitable extinguishing media:*

*Carbon dioxide (CO<sub>2</sub>)*

#### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*In case of fire: hazardous vapors may be released. Development of fumes/aerosol.*

#### 5.3. Advice for Firefighters

*Protective equipment:*

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*Wear self-contained respiratory protective device.*

*Further information:*

*Avoid formation of dust: risk of dust explosion.*

*Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.*

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### 6. Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust, 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:*

*Take up mechanically and collect in suitable containers for disposal. Avoid dust formation.*

#### 6.4. Reference to other Sections

*Dispose of contaminated material according to Section 13.*

*Protective clothing, see Section 8.*

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### 7. Handling and Storage

#### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation of dust.*

*Hygienic measures:*

*Wash thoroughly after handling.*

#### 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:*

*Information on fire and explosion protection:*

*Avoid dust formation.*

*Take measures to prevent electrostatic discharge.*

*Keep away from sources of ignition - do not smoke.*

*Dust explosion class 1 (Kst-value > 0 - 200 bar m/s).*

*Storage class:*

*11; Combustible solids (TRGS 510)*

*Further Information:*

#### 7.3. Specific End Use(s)

*Further information:*

*No further information available.*

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### 8. Exposure Controls/Personal Protection

#### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

TRGS 900

TLV: 1.25 mg/m<sup>3</sup> air-borne fraction (general dust limit)

TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)

Peak limit Category: 2 (II)

Category II: substances with a resorptive effect.

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

3 mg/m<sup>3</sup> (worker, inhalation, long-term exposure - local effects)

*Predicted No-Effect Concentration (PNEC):*

Sewage treatment system (STP): 100 mg/l

Soil: 1 mg/l

*Additional Information:*

#### 8.2. Exposure Controls

*Technical protective measures:*

Provide adequate ventilation.

*Personal Protection*

*General protective measures:*

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:*

Suitable respiratory protection for lower concentration or short-term effect: particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).

*Hand protection:*

Chemical protective gloves (EN 374 (Europe), F739 (US)).

*Protective glove material:*

Recommended: Protective index 6, > 480 min. of permeation time accord. EN 374.

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

*Eye protection:*

Safety glasses with protective shields (EN 166).

*Body protection:*

Protective clothing.

*Environmental precautions:*

### 9. Physical and Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

*Form:* powder

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<i>Color:</i>	<i>red</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>not determined</i>
<i>pH-Value:</i>	<i>ca. 7 (suspension)</i>
<i>Melting temperature:</i>	<i>&gt; 300°C</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>This product is a non-volatile solid.</i>
<i>Flammability (solid, gas):</i>	<i>not easily flammable</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>1.47 g/cm<sup>3</sup> (20°C)</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>362°C</i> <i>Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature)</i>
<i>Decomposition temperature:</i>	<i>&gt; 200°C</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	<i>not oxidizing</i>
<i>Bulk density:</i>	<i>190 kg/m<sup>3</sup></i>

### 9.2. Further Information

*Solubility in solvents:*

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*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*Decomposition point: > 390°C*

*Ignition temperature: > 530°C (BAM)*

*Self-heating ability: This product is not a self-heating substance according to the UN class 4.2 (UN Test N.4)*

*Minimum ignition energy: The product is capable of dust explosion.*

*Molar mass: 794.5 g/mol*

*pKa: The substance does not dissociate.*

### 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

*Risk of dust explosion.*

#### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid formation of dust.*

*Avoid contact with heat, sparks and open fire.*

*Avoid electrostatic charging.*

*Thermal decomposition:*

#### 10.5. Incompatible Materials

*Strong acids, strong bases and strong oxidizing agents.*

#### 10.6. Hazardous Decomposition Products

*Carbon oxides, nitrogen oxides, toxic fumes/vapors.*

*Hydrogen chloride*

#### 10.7. Further Information

### 11. Toxicological Information

#### 11.1. Information on Toxicological Effects

*Acute Toxicity*

*LD50, oral: > 5000 mg/kg (rat; OECD 401)*

*LD50, dermal:*

*No information available.*

*LC50, inhalation:*

*> 2000 mg/kg (OECD 402)*

*Primary effects*

*Irritant effect on skin:*

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*Non irritating (rabbit)*

*Irritant effect on eyes:*

*Non-irritating to eyes (rabbit; OECD 405)*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*Non sensitizing (OECD 429, Mouse Local Lymph Node Assay (LLNA))*

*Mutagenicity:*

*No mutagenic effects observed.*

*Reproductive toxicity:*

*No negative effects.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No teratogenic effects expected.*

*Specific target organ toxicity (STOT):*

*Single exposure: no organospecific toxicity expected.  
Repeated exposure: no toxicological effects.*

*Additional toxicological information:*

*Aspiration hazard: not applicable*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*LC50: > 1 mg/l (96h, Danio rerio; OECD 203)  
LC50: > 100 mg/l (96h, Danio rerio; OECD 203)*

*Daphnia toxicity:*

*EC50: > 100 mg/l (48h, Daphnia magna; OECD 202)  
NOEC: > 10 mg/l (21d, Daphnia magna; OECD 211)*

*Bacteria toxicity:*

*EC20: > 1000 mg/l (3h, active sludge; OECD 209)  
Toxicity to soil dwelling organisms:  
NOEC: > 1000 mg/kg (14d, Eisenia foetida; OECD 207)*

*Algae toxicity:*

*EC50: > 1 mg/l (72h, Desmodesmus subspicatus; OECD 201)  
EC10: > 1 mg/l (72h, Desmodesmus subspicatus; OECD 201)  
EC50: > 10 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)  
EC10: > 10 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)*

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### 12.2. Persistency and Degradability

*Not readily biodegradable.*

*The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.*

### 12.3. Bioaccumulation

*No bioaccumulation expected.*

### 12.4. Mobility

*Adsorption to solid soil phase is not expected.*

### 12.5. Results of PBT- und vPvP Assessment

*According to Annex VIII to Regulation (EC) No. 1907/2006 (REACH): this product is neither a PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative/very toxic) substance nor does it contain a PBT or vPvB substance.*

### 12.6. Other Adverse Effects

*Water hazard class:*

*1 (German Regulation) (Assessment by list): slightly hazardous.*

*Behaviour in sewage systems:*

*Treatment and discharge of waste water into biological treatment plant should be carried out according to official national and local regulations.*

*Further ecological effects:*

*BOD: 0.44 % of ThOD (28d) (OECD 301C)*

*AOX Value:*

*Product contains organically bound halogen.*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*In accordance with current regulations, product may be taken to an incineration plant.*

*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 (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

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### 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. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

*not applicable*

### 14.8. Further Information

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## 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 (according to the German Regulation AwSV, 01.08.2017)*

Local regulations on chemical accidents:

*Seveso III Directive: not applicable under Directive 2012/18/EC.*

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

*Regulation (EC) 2037/2000 - Substances that Deplete the Ozone*

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*Layer: not regulated / not applicable*

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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.*