

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 1

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

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

#### 1.1. Product Identifier

*Product Name:* Prugna Brownish Red, 1.8 - 2.5 mm

*Article No.:* 59204

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

*Identified uses:*

*Filling, mixing  
Filler or pigment  
Manufacture of paper and paperboard; manufacture of paints,  
printing inks and mastics; manufacture of rubber goods and plastic  
goods; manufacture of soap and detergents, cleaning and  
polishing preparations.*

*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](http://www.kremer-pigmente.com)

*E-Mail:* [info@kremer-pigmente.com](mailto: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 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:*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

**Other Hazards**

next page: 2

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 2

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

2.3. *No information available.*

---

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Natural calcium carbonate

*Information on Components / Hazardous Ingredients:*

Calcium carbonate (CaCO <sub>3</sub> )	100 %	CAS-Nr: 1317-65-3 EINECS-Nr: 215-279-6 EC-Nr:
--	-------	---

---

*Additional information:* *Exempted from the mandatory REACH Registration (Annex V).*

---

### 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. Consult physician if symptoms persist.*

*After skin contact:*

*Remove contaminated clothing and shoes.  
Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.  
Remove contact lens.*

*After ingestion:*

*Rinse mouth with water and drink plenty of water.  
Never give anything by mouth to an unconscious person.*

#### 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 further information available.*

---

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Product itself does not burn.*

next page: 3

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 3

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

*Use extinguishing media for surrounding fire.*

*Unsuitable extinguishing media:*

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

*Special hazards:*

*Usual measures for chemical fires.*

### 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.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*No special measures required.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Clean up mechanically.*

*Dispose accordingly. Rinse spill area.*

### 6.4. Reference to other Sections

---

## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Wear adequate protective clothing (see para. 8).*

*Avoid formation of dust.*

*Hygienic measures:*

*No further measures, see Section 8.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

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

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Do not store together with: acids.*

*Storage class:*

*13; Non combustible solids (TRGS 510)*

*Further Information:*

next page: 4

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 4

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

### 7.3. Specific End Use(s)

*Further information:*

*No information available.*

---

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*Does not contain any components with workplace limit values.*

*Parameters to be controlled:*

*Natural calcium carbonate (CAS 1317-65-3):*

*VME (FR): 10 mg/m<sup>3</sup>*

*MAK (CH): 3 mg/m<sup>3</sup>*

*OEL/HTP (FI): 10 mg/m<sup>3</sup> (8h)*

*TWA / EH40 (GB): 10 mg/m<sup>3</sup>; 4 mg/m<sup>3</sup>*

*Derived No-Effect Level (DNEL):*

*No values available.*

*Predicted No-Effect Concentration (PNEC):*

*No values available.*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation.*

*Personal Protection*

*General protective measures:*

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

*Respiratory protection:*

*Respiratory equipment required in case of insufficient ventilation, filter type P2.*

*Hand protection:*

*Protective gloves recommended in case of prolonged or repeated contact.*

*Protective glove material:*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

*No special measures required.*

---

## 9. Physical and Chemical Properties

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

next page: 5

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 5

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

<i>Form:</i>	<i>solid</i>
<i>Color:</i>	<i>brown-red</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>No information available.</i>
<i>pH-Value:</i>	<i>8.5 - 9.5 (100 g/l; 20°C)</i>
<i>Melting temperature:</i>	<i>&gt; 800°C (1013 hPa)</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not flammable</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>2.3-2.8 g/cm<sup>3</sup> (20°C, 1013 hPa)</i>
<i>Solubility in water:</i>	<i>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>&gt; 600°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>No information available.</i>
<i>Bulk density:</i>	<i>not determined</i>

next page: 6

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 6

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Combustion factor 1: no scorching.*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*Minimal ignition energy: > 1000 mJ (20°C, 1013 hPa)*

---

### 10. Stability and Reactivity

#### 10.1. Reactivity

*Stable if used according to specifications.*

#### 10.2. Chemical Stability

*No decomposition if used according to specifications.*

#### 10.3. Possibility of Hazardous Reactions

*Reacts with acids.*

#### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No information available.*

*Thermal decomposition:*

*> 600°C*

#### 10.5. Incompatible Materials

*Formation of carbon dioxide after reaction with acids.*

#### 10.6. Hazardous Decomposition Products

*Carbon dioxide: removes the oxygen from the air in closed rooms (risk of suffocation).*

#### 10.7. Further Information

---

### 11. Toxicological Information

#### 11.1. Information on Toxicological Effects

*Acute Toxicity*

*LD50, oral:*

*> 5000 mg/kg (rat)*

*LD50, dermal:*

*No information available.*

*LC50, inhalation:*

*No information available.*

*Primary effects*

*Irritant effect on skin:*

*Non irritating*

*Irritant effect on eyes:*

next page: 7

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 7

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

*Non-irritating to eyes*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Additional toxicological information:*

*No information available.*

---

## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*LC50: >10000 mg/l (96h, Oncorhynchus mykiss)*

*Daphnia toxicity:*

*EC50: > 1000 mg/l (48h, Daphnia magna)*

*Bacteria toxicity:*

*no information available*

*Algae toxicity:*

*EC50: 289 mg/l (72h, Desmodesmus subspicatus)*

*NOEC: 75 mg/l (72h, Desmodesmus subspicatus)*

### 12.2. Persistency and Degradability

*Pigment is not soluble in water and biologically not degradable.*

### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*Product is not water soluble.*

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

*On the basis of available data, the product does not contain and PBT or vPvB in percentage greater than 0.1 %.*

### 12.6. Other Adverse Effects

*Water hazard class:*

next page: 8

# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 8

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*The solid form of these materials are a main component of the rocks at the earths surface.*

*In the dissolved state it is a natural and indispensable component of the natural waters.*

*AOX Value:*

---

### 13. Disposal Considerations

#### 13.1. Waste Treatment Methods

*Product:*

*Product can be taken to a waste disposal site according to local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Uncontaminated packaging may be recycled.*

*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 (land transportation).*

*IMDG/IATA:*

*No hazardous goods according to IMDG.*

#### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

#### 14.4. Packaging Group

*ADR/RID:*

next page: 9



# Safety Data Sheet

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



## 59204 Prugna Brownish Red, 1.8 - 2.5 mm

Page 9

Revised edition: 14.05.2019

Version: 1

Printed: 08.11.2019

---

*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**

**14. 8. Further Information**

*Not classified as a dangerous good under transport regulations.*

---

**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)*

*Local regulations on chemical accidents:*

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

*Employment restrictions:*

*Restriction and prohibition of application:*

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable*

*Technical instructions on air quality:*

*Not applicable.*

**15. 2. Chemical Safety Assessment**

*Exempted from the mandatory REACH Registration (Annex V).*

**15. 3. Further Information**

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

*Regulation (EC) 850/2004 - Persistent organic pollutants and amending Directive 79/117/EEC: not regulated / not applicable*

*Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

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

*EU. Directive 2010/75/EU, VOC content: not applicable*

---

**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.*