

# Safety Data Sheet

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



**26310 XSL Red DPP, PR 254**

Page 1

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

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

### 1.1. Product Identifier

*Product Name:* XSL Red DPP, PR 254

*Article No.:* 26310

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

*Identified uses:*

*Coloring agent for dye and varnish industry*

*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.de

*E-Mail:* info@kremer-pigmente.de

*Importer:* --

### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

## 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.*

*Classification according to Directive No. 67/548/EC or No. 1999/45/EC*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*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:*

**EUH208**

**May produce an allergic reaction.**

*Safety designation:*

*Hazardous components for labelling:*

**Other Hazards**

next page: 2

# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 2

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

2.3.

*EUH208: contains 1,2-Benzisothiazol-3(2H)-one. Can cause allergic reactions.  
This product is capable of dust explosion under certain circumstances.*

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization: Organic pigment, dispersing aid. Pigment Red 254, C.I. 56110*

*Information on Components / Hazardous Ingredients:*

|  |           |  |
|--|-----------|--|
| Sodium diisobutyl naphthalene sulfonate (H302-315-318-332-335-412) | 0.3 - 1 % | CAS-Nr: 27213-90-7<br>EINECS-Nr: 248-326-4<br>EC-Nr: |
|--|-----------|--|

|  |            |  |
|--|------------|--|
| 1,2-Benzisothiazol-3(2H)-one (Xn,N; R22-38-41-43-50; H302-315-317-318-400) | 0 - 0.05 % | CAS-Nr: 2634-33-5<br>EINECS-Nr: 220-120-9<br>EC-Nr: 613-088-00-6 |
|--|------------|--|

*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 for at least 15 minutes.*

*After ingestion:*

*Rinse mouth with water and drink plenty of water.*

#### 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:*

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

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

next page: 3

# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 3

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

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*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:*

*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:*

*Keep spills and cleaning runoff out of municipal sewers and open bodies of water.*

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

*Methods and material:*

*Small spills:*

*Clean up with suitable appliance and dispose adequately.*

*Large spills:*

*Contain with dust binding material and dispose accordingly.*

### 6.4. Reference to other Sections

*Protective clothing, see Section 8.*

*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:*

*Respiratory protection when handling without exhaust system.*

*Hygienic measures:*

*Do not inhale dust. Wash hands before breaks and at the end of work.*

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

*Storage conditions:*

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

*Protect against heat.*

next page: 4

# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 4

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

*Requirements for storage areas and containers:*

*Information on fire and explosion protection:*

*Avoid dust formation. Protect against electrostatic charging.  
Dust explosion class 3 (Kst-value >300 bar m/s).*

*Storage class (VCI):*

*11; Combustible solids*

*Further Information:*

*Maximum storage temperature: 100°C*

### 7.3. Specific End Use(s)

*Further information:*

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## 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:*

*No occupational exposure limits known.*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*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.*

*Protective clothing recommended due to the coloring effects of the product.*

*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:*

*The manufacturer's directions for use should be observed because of the great diversity of types.*

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

*Protective glove material:*

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

*Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove*

next page: 5

# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 5

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

---

*material and dexterity. Always seek advice from glove suppliers.  
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:*

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### 9. Physical and Chemical Properties

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

*Form:* granules

*Color:* red

*Odor:* odorless

*Odor threshold:*  
*No information available.*

*pH-Value:* 8.5-10.5 (100 g/l, suspension)

*Melting temperature:*  
*not determined*

*Boiling temperature:*  
*not determined*

*Flash point:*  
*not applicable*

*Evaporation rate:*  
*This product is a non-volatile solid.*

*Flammability (solid, gas):* 420°C (VDI 2263, Blatt 1, 2.6)  
*not easily flammable*

*Upper explosion limit:*  
*no information available*

*Lower explosion limit:*  
*no information available*

*Vapor pressure:*  
*not applicable*

*Vapor density:*  
*This product is a non-volatile solid.*

*Density:*

*Solubility in water:* insoluble

*Coefficient of variation (n-  
Octanol/Water):*  
*not applicable*

*Auto-ignition temperature:* 226°C

next page: 6

# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 6

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

---

*Product is not auto-ignitable.*

*Decomposition temperature:* < 300 J/g (DDK (DIN 51007))

*Viscosity, dynamic:*  
*not applicable*

*Explosive properties:*  
*Product does not present an explosion hazard.*

*Oxidizing properties:*  
*not oxidizing*

*Bulk density:* 300 - 600 kg/m<sup>3</sup>

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*Hygroscopy: not hygroscopic*

*Burning rate: 200 mm*

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

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### 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:*

*No decomposition if used according to specifications.*

*Thermal decomposition:*

#### 10.5. Incompatible Materials

*None known.*

#### 10.6. Hazardous Decomposition Products

*None if stored and handled according to specifications.*

#### 10.7. Further Information

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### 11. Toxicological Information

#### 11.1. Information on Toxicological Effects

*Acute Toxicity*

next page: 7

# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 7

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

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|   |   |
|---|---|
| <i>LD50, oral:</i>                            | <i>&gt; 5000 mg/kg</i>  |
| <i>LD50, dermal:</i>                          | <i>&gt; 5000 mg/kg</i>  |
| <i>LC50, inhalation:</i>                      | <i>No information available.</i>  |
| <i>Primary effects</i>                        |   |
| <i>Irritant effect on skin:</i>               | <i>Slight irritant effect (rabbit; OECD 404)</i>  |
| <i>Irritant effect on eyes:</i>               | <i>Non-irritating to eyes (rabbit; OECD 405)</i>  |
| <i>Inhalation:</i>                            | <i>No information available.</i>  |
| <i>Ingestion:</i>                             | <i>No information available</i>   |
| <i>Sensitization:</i>                         | <i>Non sensitizing (guinea pig; OECD 406).</i>  |
| <i>Mutagenicity:</i>                          | <i>No mutagenic effects known.</i>  |
| <i>Reproductive toxicity:</i>                 | <i>No relevant data found.</i>  |
| <i>Carcinogenicity:</i>                       | <i>No cancerogenic effect known.</i>  |
| <i>Teratogenicity:</i>                        | <i>No information available.</i>  |
| <i>Specific target organ toxicity (STOT):</i> | <i>Single exposure: no organospecific toxicity expected.<br/>Repeated exposure: no information available.</i> |
| <i>Additional toxicological information:</i>  | <i>Aspiration hazard: not applicable<br/>The data refer to the properties of the individual components.</i>   |

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

|                           |                                      |
|---------------------------|--------------------------------------|
|                           | <i>Harmful to aquatic organisms.</i> |
| <i>Fish toxicity:</i>     |                                      |
|                           | <i>LC50: 10 - 100 mg/l (96h)</i>     |
| <i>Daphnia toxicity:</i>  |                                      |
|                           | <i>No information available.</i>     |
| <i>Bacteria toxicity:</i> |                                      |
|                           | <i>No data available.</i>            |
| <i>Algae toxicity:</i>    |                                      |
|                           | <i>No information available.</i>     |

next page: 8

# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 8

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

---

### 12.2. Persistency and Degradability

*Not readily biodegradable.  
Can be eliminated from water by chemical adsorption.*

### 12.3. Bioaccumulation

*Bioaccumulation is not to be expected.*

### 12.4. Mobility

*Does not evaporate from the surface of the water to the atmosphere.*

*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:*

*No impairment of the biodegradability of active sludge expected when small amounts are discharged in biological sewage plants.*

*Further ecological effects:*

*Do not let product enter waterways or sewage system.*

*The product does not contain any substances which can deplete the ozone layer, according to Section I of EC-Directive 2037/2000/EC.*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Packaging may be disposed of in the same manner as the product.*

*Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.*

*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:*

next page: 9



# Safety Data Sheet

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



## 26310 XSL Red DPP, PR 254

Page 9

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

---

*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:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*None*

### 14.6. Special Precautions for User

*none known*

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

### 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)*

*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

---

next page: 10

## Safety Data Sheet

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



**26310 XSL Red DPP, PR 254**

Page 10

Revised edition: 17.07.2018

Version: 5.0

Printed: 20.12.2018

---

### 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.*