

# Safety Data Sheet

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



## 45110 Ultramarine Violet, reddish

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Version: 6

Printed: 20.05.2020

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

#### 1.1. Product Identifier

*Product Name:* Ultramarine Violet, reddish

*Article No.:* 45110

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

*Identified uses:*

*Synthetic pigment for dyeing industrial products.*

*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)*

*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

*Like with all mineral powders, long-term contact can cause respiratory problems.*

*Contact with acids releases hydrogen sulfide, an easily flammable*

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*and very toxic gas.*

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Sodium-aluminium-sulfo-silicate. Pigment Violet 15, C.I. 77007

*Information on Components / Hazardous Ingredients:*

Sodium aluminosilicate violet, Pigment Violet 15, C.I. 77007; REACH Reg. No. 01-2119917334-42	80 - 100 %	CAS-Nr: 12769-96-9 EINECS-Nr: 235-811-0 EC-Nr:
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Kaolin	0 - 20 %	CAS-Nr: 1332-58-7 EINECS-Nr: 310-194-1 EC-Nr:
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*Additional information:*

### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

*Seek medical attention in case of complaints.*

*After inhalation:*

*Take affected person to fresh air.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.  
If symptoms persist, consult a physician.*

*After eye contact:*

*Rinse eyes with water.  
Seek medical attention if irritation persists.*

*After ingestion:*

*Do not induce vomiting.  
Rinse mouth with water and drink plenty of water.  
If symptoms persist, call a physician.  
Never give anything by mouth to an unconscious person.*

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

*Symptoms:*

*Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.  
Skin contact: prolonged contact with dust may cause skin irritation and dry skin.  
Eye contact: may be slightly irritating to eyes.*

*Effects:*

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

*Treatment:*

*No special first-aid measures necessary.*

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### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Use extinguishing media for surrounding fire.*

*Unsuitable extinguishing media:*

*Water with full jet.*

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

*Special hazards:*

*Avoid the inhalation of smoke and vapors.*

*In case of fire: formation of sulfur dioxide.*

#### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear positive pressure self-contained breathing apparatus (SCBA).*

*Wear suitable protective clothing.*

*Further information:*

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### 6. Accidental Release Measures

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

*Personal precautions:*

*Wear protective clothing.*

#### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soils, drains and surface water.*

#### 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

*Protective clothing, see Section 8.*

*Dispose of contaminated material according to Section 13.*

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### 7. Handling and Storage

#### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

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

*Provide adequate ventilation.*

*Hygienic measures:*

*Keep away from foodstuffs and drinks.*

*Wash hands at the end of work. Preventive skin protection recommended.*

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

*Storage conditions:*

*Store in tightly sealed containers in a cool and well ventilated location.*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Do not store together with: acids and alkalis.*

*Storage class:*

*No information available.*

*Further Information:*

### 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):*

*none known*

*Parameters to be controlled:*

*VME (FR): 5 mg/m<sup>3</sup> airborne fraction*

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

*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:*

*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:*

*Required in case of insufficient ventilation.*

*Hand protection:*

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

*Protective glove material:*

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*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

*Insoluble in water.*

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### 9. Physical and Chemical Properties

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

*Form:* powder

*Color:* violet

*Odor:* odorless

*Odor threshold:*

*No information available.*

*pH-Value:* 7 - 9 (10 %)

*Melting temperature:*

*not available*

*Boiling temperature:*

*not available*

*Flash point:*

*not flammable*

*Evaporation rate:*

*not applicable*

*Flammability (solid, gas):*

*not easily flammable*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:* 2.35 g/m<sup>3</sup>

*Solubility in water:* insoluble

*Coefficient of variation (n-Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*not applicable*

*Decomposition temperature:*

*> 400°C (750°F)*

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*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*Product does not present an explosion hazard.*

*Oxidizing properties:*

*No information available.*

*Bulk density:*

*not determined*

### 9.2. Further Information

*Solubility in solvents:*

*Insoluble in organic solvents.*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Loss of sulphur above 400°C.*

### 10.2. Chemical Stability

*This product is extremely stable up to 260°C.*

### 10.3. Possibility of Hazardous Reactions

*Reacts with acids: development of hydrogen sulfide.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Protect from heat.*

*Thermal decomposition:*

*> 400°C*

### 10.5. Incompatible Materials

*Acids*

### 10.6. Hazardous Decomposition Products

*Hydrogen sulfide in case of contact with strong acids.  
Sulphur dioxide in case of fire.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Toxicological Effects

*Acute Toxicity*

*LD50, oral:*

*No information available.*

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*LD50, dermal:*

*No information available.*

*LC50, inhalation:*

*No information available.*

*Primary effects*

*Irritant effect on skin:*

*Non irritating*

*Irritant effect on eyes:*

*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*Not mutagenic.*

*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:*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*LC50: > 32000 mg/kg (96h)*

*Daphnia toxicity:*

*EC50: > 90 % (24h, Daphnia magna)*

*Bacteria toxicity:*

*no information available*

*Algae toxicity:*

*No information available.*

### 12.2. Persistency and Degradability

*Not readily biodegradable.*

### 12.3. Bioaccumulation

*Low bioaccumulation due to the low solubility of the product.*

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### 12. 4. Mobility

*Product is not water soluble.*

### 12. 5. Results of PBT- und vPvP Assessment

*This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.*

### 12. 6. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Not considered to be environmentally harmful.*

*AOX Value:*

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## 13. Disposal Considerations

### 13. 1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations. Ultramarines cannot be disposed of were contact with acids is possible.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Contaminated packaging must be disposed like the substance.*

*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:*

*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.:*

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*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

*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 (German Regulation)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Keep away from acids.*

*Technical instructions on air quality:*

### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.*

### 15. 3. Further Information

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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.*