

Safety Data Sheet

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



26500 XSL Phthalo Green Dark, PG 7

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Revised edition: 18.06.2025

Version: 1.19

Printed: 25.08.2025

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

1.1. Product Identifier

Product Name: XSL Phthalo Green Dark, PG 7

Article No.: 26500

UFI: --

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.com

EMail: 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)

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

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circumstances.

Dust may be produced when working with this material, which can cause a mechanical irritation of eyes, nose and respiratory tract.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Copper phthalocyanine pigment, halogenated, water dispersable powder (WP). Pigment Green 7, C.I. 74260

Information on Components / Hazardous Ingredients:

Maleic Acid, Polymer with diisobuten, sodium salt 3 - 5 %
(H319)

CAS-Nr: 37199-81-8

EINECS-Nr:

EC-Nr:

Additional information:

Particle characteristics:

This product/this mixture contains nanoforms.

C.I. Pigment Green 7 (Polychloro copper phthalocyanine; CAS 1328-53-6):

Form: Spheres (Aspect ratio (x:1) = 1 - 3 [TEM]); Crystallinity: crystalline; Specific treatment: Agent(s), no specific treatment;

Specific surface area: 15 - 500 m²/g (BET)

Particle size distribution: d10: 1 - 50 nm; d50: 10 - 50 nm; d90: 50 - 100 nm

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

If symptoms occur, or in case of doubt seek medical advice.

Never give anything by mouth to an unconscious person.

Stable side position in case of unconsciousness.

After inhalation:

Give artificial respiration in case breathing is not regular or if it has stopped.

Supply fresh air and seek medical advice in case of complaints.

After skin contact:

Do not use solvents or thinners.

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

After eye contact:

Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Should irritation continue, seek medical advice.

After ingestion:

Immediately get medical help.

Do not induce vomiting.

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

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Symptoms:

Exposure to high concentrations of dust may result in upper respiratory tract (nose and throat) and pulmonary irritation.

Effects:

4. 3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5. Fire-Fighting Measures

5. 1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray.

Unsuitable extinguishing media:

Water with full jet.

5. 2. Special Hazards arising from the Substance or Mixture

Special hazards:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

In case of fire: formation of carbon oxides, nitrogen oxides and fumes.

5. 3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Cool exposed containers with water spray.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

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.

Contact local authorities if product pollutes waterways or the sewage system.

6. 3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with non-flammable absorbent material (e.g. sand, diatomaceous earth, vermiculite) and dispose accordingly.

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Clean polluted are with water or other cleaning fluids.

Do not use solvents for cleaning.

Avoid dust formation.

6. 4. Reference to other Sections

See Section 13 for information on disposal.

Protective clothing, see Section 8.

7. Handling and Storage

7. 1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust. Do not inhale dust.

Wear adequate protective clothing (see para. 8).

Hygienic 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.

Clean contaminated clothing before entering eating areas.

7. 2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and well ventilated location.

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

Keep container tightly closed.

Close open containers with care and store in an upright position to avoid spilling.

Information on fire and explosion protection:

Do not store together with ignitable sources, heat and fire.

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

7. 3. Specific End Use(s)

Further information:

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:

Derived No-Effect Level (DNEL):

No values available.

PNEC (Predicted No-Effect

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Concentration):

No values available.

Additional Information:

8. 2. Exposure Controls

Technical protective measures:

Adequate ventilation to control airborne concentrations below the exposure limits.

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. Wash contaminated clothes before reuse.

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

Protective glove material:

Recommended: Protective index 6, corresponding > 480 min. of permeation time according to EN 374.

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

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

Prevent from getting into the soil, surface water and sewage system.

9. Physical and Chemical Properties

9. 1. Information on Basic Physical and Chemical Properties

Form: granules

Color: green

Odor: odorless

Odor threshold:

no information available

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<i>pH-Value:</i>	<i>8 - 10 (100 g/l; suspension)</i>
<i>Melting temperature:</i>	<i>> 100°C</i>
<i>Boiling temperature:</i>	<i>not determined</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 highly 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>This product is a non-volatile solid.</i>
<i>Density:</i>	<i>ca. 1.85 g/cm³</i>
<i>Solubility in water:</i>	<i>soluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature) 254°C; Test type: Spontaneous self-ignition at elevated temperature (Method: VDI 2263, Sheet 1, 1.4.1) > 400°C; Test type: Spontaneous self-ignition at elevated temperature (Method: VDI 2263, Sheet 1, 1.3)</i>
<i>Decomposition temperature:</i>	<i>> 200°C Not a substance liable to self-decomposition according to UN transport regulations, class 4.1</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>500 - 600 kg/m³</i>

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9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Particle characteristics: This substance/ mixture contains nanoforms (see Section 3).

Other information:

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

Burning rate: 200 mm

Minimum ignition energy: > 4 J (1 bar, 20°C), Particle size distribution: > 35 µm

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

Ignition temperature: 400°C

Hygroscopy: not hygroscopic

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.

Thermal decomposition:

Exposure to high temperatures can form hazardous decomposition products.

10.5. Incompatible Materials

Strong acids, strong bases, oxidizing agents.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

Practically not toxic after a single oral exposure.

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Exposure to airborne concentrations above the legal or recommended limits may cause irritation of the nose, throat and lungs.

LD50, oral: > 5000 mg/kg (rat; ATE)

LD50, dermal: > 5000 mg/kg (rat; ATE)

LC50, inhalation:
No information available.

Primary effects

Irritant effect on skin:
Non irritating (rabbit)

Irritant effect on eyes:
Non-irritating to eyes (rabbit)

Inhalation:
No information available.

Ingestion:
No information available

Sensitization:
Non sensitizing (guinea pig; OECD 406).

Mutagenicity:
No mutagenic effects known.

Reproductive toxicity:
No relevant data found.

Carcinogenicity:
No cancerogenic effect known.

Teratogenicity:
No information available.

Specific target organ toxicity (STOT):
Single exposure: no organospecific toxicity expected.
Repeated exposure: no information available.

Aspiration hazard:
No risk of aspiration.

11. 2. Information on other Hazards

Endocrine Disrupting Properties: no information available.

12. Ecological Information

12. 1. Aquatic Toxicity

Not hazardous for aqueous organisms.
The product has not been tested. The statement has been derived from the properties of the individual components.

Fish toxicity:
LC50: > 100 mg/l (96h, Leuciscus idus)

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Daphnia toxicity:

No information available.

Bacteria toxicity:

not determined

Algae toxicity:

No information available.

12. 2. Persistence and Degradability

Colorants are by their nature very stable and are therefore not readily biodegradable under conditions prevailing in surface water or in effluent treatment plants.

12. 3. Bioaccumulation

No bioaccumulation 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. Endocrine Disrupting Properties

No data available.

12. 7. Other Adverse Effects

Water hazard class:

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

Behaviour in sewage systems:

Treatment in biological waste treatment plant has to be performed according to local and administrative regulations.

Further ecological effects:

Do not discharge product uncontrolled into the environment.

AOX Value:

Product contains according to the formulation, organically bound halogen. It can increase the AOX-value in the water purification plants overflow or if it reaches waters.

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):

040216 - Dyestuffs and pigments containing hazardous

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substances

Uncleaned packaging:

*Contaminated packaging must be disposed like the substance.
Non contaminated packaging can either be recycled or utilized for energy (incineration).*

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 / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

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

None

14. 6. Special Precautions for User

14. 7. Maritime Transport in Bulk according to IMO Instruments

not applicable

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14. 8. Further Information

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:

Seveso III: does not apply

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:

5.2.2.: 75 % (Classification III); 5.2.1: 6.1 %; 5.2.5.: 18.5 %

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15. 3. Further Information

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

Regulation (EC) 2037/2000 - Substances that Deplete the Ozone Layer: not regulated / not applicable

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

Regulation on Persistent Organic Pollutants (POP): not listed

Listed in the following inventories:

TSCA (US, 8b), AIIIC (AUS), CA (DSL), CSCL (JP), KECI (KR), PICCS (PH), NZIoC (NZ), IECSC (CN), TCSI (TW)

US Federal Regulations:

NFPA Ratings (USA): Health: 1; Fire: 0; Reactivity: 0

HMIS-Ratings (USA): Health hazard: 1 (Slight hazard);

Flammability: 1 (Slight hazard); Reactivity: 0 (Stable)

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.