

Safety Data Sheet

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



26600 XSL Black

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Revised edition: 08.04.2020

Version: 7.2

Printed: 16.02.2022

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

1.1. Product Identifier

Product Name: XSL Black

Article No.: 26600

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

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:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

H318

Cat.: 1

Serious eye damage, hazard category 1

Causes serious eye damage.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Hazard designation:



GHS05-2

Signal word:

Danger

Hazard designation:

H318

Causes serious eye damage.

Safety designation:

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P280	Wear protective gloves/ clothing/ eye/ face protection.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.
P310	Immediately call a poison center or physician.

Hazardous components for labelling:

2.3. Other Hazards

This product is capable of dust explosion under certain circumstances.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Furnace Black Pigment, water dispersable powder (WP). Pigment Black 7, C.I. 77266

Information on Components / Hazardous Ingredients:

Alcohols, C13-C15, branched and linear, ethoxylated (H318-302-412)

15 - 25 %

CAS-Nr: 157627-86-6

EINECS-Nr:

EC-Nr:

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 and give 200 - 300 ml of water to drink.

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

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5.1. Extinguishing Media

Suitable extinguishing media:

Extinguishing powder, foam.

Unsuitable extinguishing media:

Carbon dioxide (CO₂)

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.

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.

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 eat or drink during work. Do not smoke.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

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

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Requirements for storage areas and containers:

Keep container tightly closed.

Information on fire and explosion protection:

*Avoid dust formation. Protect against electrostatic charging.
Dust explosion class 2 (Kst-value 200 - 300 bar m/s).*

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

Maximum storage temperature: 50°C (122°F)

7.3. Specific End Use(s)

Further information:

No further information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

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.

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.

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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:

Avoid contamination of sewage system, open water ways and ground water.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: granules

Color: black

Odor: odorless

Odor threshold:
no information available

pH-Value: 8 - 11 (100 g/l; 23°C)

Melting temperature:
not determined

Boiling temperature:
not applicable

Flash point:
not applicable

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

Flammability (solid, gas):
not highly flammable

Upper explosion limit:
not determined

Lower explosion limit:
not determined

Vapor pressure:
not applicable

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

Density:
not available

Solubility in water: insoluble

Coefficient of variation (n-Octanol/Water):

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not applicable

Auto-ignition temperature:

Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature)

Decomposition temperature:

not applicable

Viscosity, dynamic:

not applicable

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

not oxidizing

Bulk density:

400 - 500 kg/m³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

Hygroscopy: not hygroscopic

Self-heating ability: This product is not self-heating.

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:

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

LD50, oral: > 2500 mg/kg (ATE)

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

LC50, inhalation:
not determined

Primary effects

Irritant effect on skin:
Non irritating (rabbit; OECD 404)

Irritant effect on eyes:
Causes severe eye damage: irreversible damage (rabbit; OECD 405).

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.

Additional toxicological information:
Aspiration hazard: not applicable
The data refer to the properties of the individual components.

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:
LC50: 10 - 100 mg/l (96 h, Danio rerio)

Daphnia toxicity:
EC50: 10 - 100 mg/l (48h, Daphnia magna)

Bacteria toxicity:

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EC50: > 1000 mg/l (active sludge)

Algae toxicity:

No information available.

12.2. Persistency and Degradability

Very insoluble product and can thus be removed from water mechanically in suitable effluent treatment plants.

> 70 % (28d); readily biodegradable (OECD 301A)

12.3. Bioaccumulation

No bioaccumulation expected.

12.4. Mobility

No accumulation by the organisms.

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

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, 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 discharge product uncontrolled into the environment.

AOX Value:

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:

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

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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

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

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:

Not listed.

Employment restrictions:

Restriction and prohibition of application:

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Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15. 3. Further Information

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