

Safety Data Sheet

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



75600 Dispersion K 500

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Revised edition: 12.03.2020

Version: 1.5

Printed: 21.06.2023

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

1.1. Product Identifier

Product Name: Dispersion K 500

Article No.: 75600

UFI: --

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

Identified uses:

*Raw material
Industrial application*

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)*

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

EUH208

May produce an allergic reaction.

Safety designation:

Hazardous components for labelling:

Other Hazards

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2.3.

EUH208: contains 1,2-Benzisothiazol-3(2H)-one. Can cause allergic reactions.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Aqueous dispersion of a thermoplastic acrylic polymer.

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

If complaints or symptoms occur seek medical treatment.

After inhalation:

Supply fresh air.

After skin contact:

Remove contaminated clothing.

Wash off immediately with soap and plenty of water and rinse thoroughly.

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

Do not induce vomiting.

If swallowed get medical attention immediately.

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

Symptoms:

Swallowing: may cause stomach irritation, nausea, vomiting and diarrhea.

Prolonged or repeated contact can irritate eyes and skin.

Effects:

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.

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

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5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Protect against heat: causes a pressure increase in closed containers.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

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

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear appropriate protective equipment. Keep spectators away.

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:

Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

*Avoid contact with eyes, skin and clothing.
Provide adequate ventilation.*

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 a cool and dry place.
Protect from frost.*

Requirements for storage areas and containers:

Store the product in the original container.

Information on fire and explosion protection:

No special measures necessary.

Storage class:

12; Non-combustible liquids (TRGS 510)

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Further Information:

Recommended storage temperature: 5 - 35°C

7.3. Specific End Use(s)

Further information:

The technical guidelines for the application of this product/mixture should be followed.

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):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

*Ensure adequate ventilation, especially in confined areas.
Suitable exhaust system required when product is heated.
Facilities storing or utilizing this material should be equipped with an eyewash facility.*

Personal Protection

General protective measures:

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

Avoid contact with eyes and skin.

Remove contaminated clothing immediately.

Respiratory protection:

Not required.

Hand protection:

Protective gloves should be changed regularly, especially after intensive contact with the product.

Protective glove material:

Nitrile rubber (480 min, 0.4 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 (EN 166)

Body protection:

Protective clothing.

Environmental precautions:

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

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>milky white</i>
<i>Odor:</i>	<i>like ester</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>9.5 - 10 (20°C)</i>
<i>Melting temperature:</i>	<i>not determined</i>
<i>Boiling temperature:</i>	<i>not determined</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>No information available.</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>ca. 23 hPa (20°C)</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>ca. 1.07 g/cm³</i>
<i>Solubility in water:</i>	<i>miscible</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No decomposition if used according to specifications.</i>
<i>Viscosity, dynamic:</i>	<i>1100 - 4500 mPa.s (20°C)</i>
<i>Explosive properties:</i>	<i>not applicable</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	<i>not applicable</i>

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9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

No decomposition if used according to specifications.

10.2. Chemical Stability

The product is stable.

10.3. Possibility of Hazardous Reactions

None if handled and stored according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

Protect from frost, heat and direct sunlight.

Thermal decomposition:

Avoid heat.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None if 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

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

LD50, dermal: not determined

LC50, inhalation: not determined

Primary effects

Irritant effect on skin: No information available

Irritant effect on eyes: No information available.

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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.

Aspiration hazard:

No information available.

11. 2. Information on other Hazards

No further information available.

12. Ecological Information

12. 1. Aquatic Toxicity

No information available.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12. 2. Persistency and Degradability

98 % (OECD 302B)

Can be eliminated from water by chemical adsorption.

12. 3. Bioaccumulation

Bioaccumulation is not to be expected.

12. 4. Mobility

No information available.

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. Endocrine Disrupting Properties

No data available.

12. 7. Other Adverse Effects

Water hazard class:

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Behaviour in sewage systems:

Further ecological effects:

No ecological data available.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

In accordance with current regulations, product may be taken to an incineration plant.

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

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:

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IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

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

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:

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

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.