

# Safety Data Sheet

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



## 75355 Dispersion K 19 Matte

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Revised edition: 23.11.2023

Version: 1

Printed: 27.11.2023

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

#### 1.1. Product Identifier

*Product Name:* Dispersion K 19 Matte

*Article No.:* 75355

*UFI:* --

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

*Identified uses:*  
Binding agent for the coating 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)*

H317

Cat.: 1

*Skin sensitization, hazard category 1A*

*May cause an allergic skin reaction.*

*Possible Environmental Effects:*

#### 2.2. Label Elements

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

*This product is classified and labelled according to CLP/GHS regulations.*

*Hazard designation:*



GHS07-1

*Signal word:*

Warning

*Hazard designation:*

May cause an allergic skin reaction.

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### Safety designation:

P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P333+P313	If skin irritation or rash occurs: Get medical attention.
P362+P364	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents/ container according to regional, national and international regulations.

### Hazardous components for labelling:

#### 2.3. Other Hazards

*EUH208: Contains 1,2-Benzisothiazol-3(2H)-one, reaction mass of 5-Chloro-2-methylisothiazolin-3(2H)-one and 2-Methylisothiazol-3(2H)-one (3:1): can cause allergic reactions.*

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

##### Chemical Characterization:

*Dispersion K 19 is a very fine copolymer based on acryl/-methacrylic acid ester (APEO-free); matted*

##### Information on Components / Hazardous Ingredients:

1,2-Benzisothiazol-3(2H)-one (H302-315-317-318-400 (M=1)-411); Spec. conc. limits: H317 >= 0.05 %; REACH Reg. No. 01-2120761540-60	< 01415 %	CAS-Nr: 2634-33-5 EINECS-Nr: 220-120-9 EC-Nr: 613-088-00-6
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Reaction compound of 5-Chloro-2-methyl-2H-isothiazole-3-one and 2-Methyl-2H-isothiazole-3-one (3:1) (H301-310-314-317-318-330-400-H410); Spec. conc. limits: H314 >= 0.6%, H315 0.06 - <0.6%, H319 0.06 - <0.6%, H317 >= 0.0015%, H318 >= 0.6%; REACH Reg. No. 01-2120764691-48	< 0.0007 %	CAS-Nr: 55965-84-9 EINECS-Nr: EC-Nr: 613-167-00-5
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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:

*Supply fresh air. Consult physician if symptoms persist.*

##### After skin contact:

*Remove contaminated clothing. Wash off immediately with plenty of water and soap.*

##### After eye contact:

*Remove contact lens.*

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*Rinse open eyes with plenty of water for at least 5 minutes.  
Seek medical attention if irritation persists.*

*After ingestion:*

*Drink plenty of water. Do not induce vomiting.  
Do not induce vomiting without medical advice.*

### 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:*

*No further information available.*

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Water mist, extinguishing powder, foam, carbon dioxide.*

*Unsuitable extinguishing media:*

*Never apply a strong water jet.*

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

*Special hazards:*

*In case of fire: hazardous fumes may be released.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear suitable protective clothing.*

*Further information:*

*Cool exposed containers with water spray.  
Avoid contamination of sewage system, open water ways and  
ground water.*

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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:*

*Do not allow entering sewage system or water.*

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

*Methods and material:*

*Contain with absorbent material (e.g. sand, acid binder, universal  
binder, sawdust) and collect in appropriate containers for disposal.*

### 6.4. Reference to other Sections

*Protective clothing, see Section 8.*

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*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:*

*No special measures necessary if properly handled.*

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

*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 cool and well ventilated location.*

*Protect from frost.*

*Protect product from direct sunlight.*

*Requirements for storage areas and containers:*

*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: strong acids and alkalis.*

*Storage class:*

*12; Non-combustible liquids (TRGS 510)*

*Further Information:*

*Recommend storage temperature: 5 - 25°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:*

*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:*

*No further measures, see Section 7.*

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### 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. Avoid contact with eyes and skin.*

#### Respiratory protection:

*Not required.*

#### Hand protection:

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

#### Protective glove material:

*Nitrile rubber (NBR) (> 480 min, 0.2 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

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>characteristic</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>7 - 8</i>
<i>Melting temperature:</i>	
<i>Boiling temperature:</i>	
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</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>Vapor density:</i>	<i>No information available.</i>

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*Density:*

*Solubility in water:* *miscible*

*Coefficient of variation (n-Octanol/Water):*  
*no information available*

*Auto-ignition temperature:*  
*not applicable*

*Decomposition temperature:*  
*No data available.*

*Viscosity, dynamic:* *50 - 300 mPa.s*

*Explosive properties:*  
*not applicable*

*Oxidizing properties:*  
*none*

*Bulk density:*  
*not applicable*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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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

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No decomposition if used according to specifications.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*Strong acids, strong bases and strong oxidizing agents.  
Strong reducing agents.*

### 10.6. Hazardous Decomposition Products

*None known.*

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### 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:

1,2-Benzisothiazol-3(2H)-one: 490 mg/kg (rat)

Reaction compound of 5-Chloro-2-methyl-2H-isothiazol-3-one (EC 247-500-7) and 2-Methyl-2H-isothiazol-3-one (EC 220-239-6) (3:1): 100 mg/kg (rat)

##### LD50, dermal:

1,2-Benzisothiazol-3(2H)-one: > 2000 mg/kg (rat)

Reaction compound of: 5-Chloro-2-methyl-2H-isothiazol-3-one (EC 247-500-7) and 2-Methyl-2H-isothiazol-3-one (EC 220-239-6) (3:1): 50 mg/kg (rat)

##### LC50, inhalation:

Reaction compound of: 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): 0.31 mg/l (4h, rat)

#### Primary effects

##### Irritant effect on skin:

1,2-Benzisothiazol-3-(2H)-one: irritating (4h, rabbit)

Reactions compound of 5-Chloro-2-methyl-2H-isothiazole-3-one and 2-Methyl-2H-isothiazole-3-one (3:1): causes chemical burns

##### Irritant effect on eyes:

1,2-Benzisothiazol-3(2H)-one: May cause severe eye irritation and may result in permanent impairment of vision, even blindness.

Reaktion compound of 5-Chloro-2-methyl-2H-isothiazole-3-one and 2-Methyl-2H-isothiazole-3-one (3:1): risk of severe eye damage.

##### Inhalation:

No irritant effect known.

##### Ingestion:

No irritant effect known.

##### Sensitization:

Contains sensitizing substances, may cause allergic reactions.

##### Mutagenicity:

No relevant data found.

##### Reproductive toxicity:

No negative effects.

##### Carcinogenicity:

No cancerogenic effect known.

##### Teratogenicity:

No information available.

##### Specific target organ toxicity (STOT):

Repeated exposure: Not classified based on available information.

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*Single exposure: Not classified based on available information.*

*Aspiration hazard:*

*No risk of aspiration.*

### 11.2. Information on other Hazards

*Endocrine Disrupting Properties: no information available.*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Not hazardous to the aquatic environment.*

*Fish toxicity:*

*1,2-Benzisothiazol-3(2H)-one: 16.7 mg/l (96h, Cyprinodon variegatus); LC50: 1.9 mg/l (96h, Oncorhynchus mykiss; OECD 203); NOEC: 0.21 mg/l (96h, Oncorhynchus mykiss; OECD 215)*

*Daphnia toxicity:*

*1,2-Benzisothiazol-3(2H)-one: EC50: 2.94 mg/l (48h, Daphnia magna; OECD 202); EC0: 0.643 mg/l (48h, Daphnia magna; OECD 202); EC50: 0.9893 mg/l (96h, Mysidopsis bahia); NOEC: 1.2 mg/l (21d, Daphnia magna; OECD 211); NOEC: 1.9 mg/l (21d, Daphnia magna; OECD 211)*

*Bacteria toxicity:*

*1,2-Benzisothiazol-3(2H)-one: EC50: 13 mg/l (3h, active sludge; OECD 209)*

*Algae toxicity:*

*1,2-Benzisothiazol-3(2H)-one: EC50: 0.11 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)*

### 12.2. Persistency and Degradability

*Not readily biodegradable.*

### 12.3. Bioaccumulation

*Considered unlikely to bioaccumulate.*

### 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:*

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

*Behaviour in sewage systems:*

*Further ecological effects:*

*No special effects or hazards known.*

*AOX Value:*

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## 13. Disposal Considerations

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### 13.1. Waste Treatment Methods

*Product:*

*This product does not fall under the rules of hazardous waste.  
Disposal in accordance with local regulations.*

*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 / 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.*

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### 14.7. Maritime Transport in Bulk according to IMO Instruments

*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 (according to the German Regulation AwSV)*

*Local regulations on chemical accidents:*

*Seveso III Directive: not applicable under Directive 2012/18/EC.  
Does not underlie the Accident Ordinance.*

*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, Registered no. 3, 75*

*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 (EU) No. 2019/1148, Annex I - Restricted Explosives Precursors (upper limit value for the purpose of licensing under Article 5(3)): None of the ingredients is listed.*

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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.*