



BE SURE. BUILD SURE.

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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 07.03.2022



Version number 8

Revision: 07.03.2022

### 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name** MC-Color Flair pro
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Surface protection
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG  
Am Kruppwald 1-8  
D-46238 Bottrop  
Tel.: +49(0)2041-101-0  
Fax.: +49(0)2041-101-400  
E-Mail: info@mc-bauchemie.de  
  
MC-Bauchemie AG  
Hagackerstr. 10  
CH-8953 Dietikon  
Tel.: +44-7400510  
Fax : +44-7400533
- **Informing department:** msds@mc-bauchemie.de
- **Emergency telephone number:** Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +48612864565

### 2 Hazards identification

- **Classification of the substance or mixture**  
Acute Tox. 5 H333 May be harmful if inhaled.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**  
   
GHS07 GHS08
- **Signal word** Warning
- **Hazard-determining components of labelling:** titanium dioxide  
2-methyl-2H-isothiazol-3-one
- **Hazard statements** May be harmful if inhaled.  
May cause an allergic skin reaction.  
Suspected of causing cancer. Route of exposure: Inhalation.

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- **Precautionary statements** Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF INHALED: Call a POISON CENTER/doctor if you feel unwell.  
IF exposed or concerned: Get medical advice/attention.  
If skin irritation or rash occurs: Get medical advice/attention.  
Store locked up.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

1317-65-3	Calciumcarbonat Acute Tox. 5, H303; Acute Tox. 5, H313	<25%
13463-67-7	titanium dioxide Carc. 2, H351; Acute Tox. 5, H333	≥0.1-<25%
471-34-1	calcium carbonate Acute Tox. 5, H303	<10%
25265-77-4	texanol Acute Tox. 5, H303; Acute Tox. 5, H333	<1.5%
2682-20-4	2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	≥0.0015-<0.025%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Rinse out mouth and then drink plenty of water.  
Seek medical treatment.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

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· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with much water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections** No dangerous materials are released.

### 7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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- **Control parameters**
- **Components with critical values that require monitoring at the workplace:** *The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

· **DNELs**

**1317-65-3 Calciumcarbonat**

Oral	DNEL	6.1 mg/kg bw/Tag (ArL)
Inhalative	DNEL	10 mg/m <sup>3</sup> (ArL)

**471-34-1 calcium carbonate**

Inhalative	DNEL	4.26 mg/m <sup>3</sup> (ArL)
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**25265-77-4 texanol**

Oral	DNEL	49 mg/kg bw/Tag (ArL)
Dermal	DNEL	13.9 mg/kg bw/day (ArL)

· **PNECs**

**1317-65-3 Calciumcarbonat**

PNEC	100 mg/l (Sewage Treatment Plant)
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- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** *The usual precautionary measures should be adhered to in handling the chemicals.*
- **Breathing equipment:** *Not required.*
- **Protection of hands:** *Not required.*
- **Material of gloves** *-*
- **Penetration time of glove material** *-*
- **Eye protection:** *Safety glasses*

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Pasty
Colour:	According to product specification
Smell:	Characteristic

· <b>pH-value:</b>	8-9
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· **Change in condition**

Melting point/freezing point:	Not determined
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<b>Initial boiling point and boiling range:</b> 100 °C	
· <b>Flash point:</b>	Not applicable
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.
· <b>Steam pressure at 20 °C:</b>	23 hPa
· <b>Density at 20 °C</b>	1.43 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible
· <b>Viscosity:</b> dynamic at 20 °C:	30000 mPas
· <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

· <b>Reactivity</b>	No further relevant information available.
· <b>Chemical stability</b>	
· <b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
· <b>Possibility of hazardous reactions</b>	No dangerous reactions known
· <b>Conditions to avoid</b>	No further relevant information available.
· <b>Incompatible materials:</b>	No further relevant information available.
· <b>Hazardous decomposition products:</b>	No dangerous decomposition products known

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values that are relevant for classification:**

#### 1317-65-3 Calciumcarbonat

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

#### 13463-67-7 titanium dioxide

Oral	LD50	>10000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.8 mg/l (rat)

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### 471-34-1 calcium carbonate

Oral	LD50	>2000 mg/kg (rat)
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### 25265-77-4 texanol

Oral	LD50	3200 mg/kg (rat)
	NOAEL	1000 mg/kg (rat)
Dermal	LD50	15200 mg/kg (rabbit)
Inhalative	LCL0	>3.55 mg/l (rat)
	LC50/4 h	1600-3200 mg/l (rat)

### 2682-20-4 2-methyl-2H-isothiazol-3-one

Oral	LD50	50-300 mg/kg (rat)
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· **Primary irritant effect:**

· **Serious eye damage/irritation** No irritant effect.

· **Respiratory or skin sensitisation**

No sensitizing effect known.

· **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Carc. 2

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

### 1317-65-3 Calciumcarbonat

EC50/72h	>14 mg/l (Desmodesmus subspicatus)
LC50/96h	>10000 mg/l (Oncorhynchus mykiss)
LC50/48h	>1000 mg/l (Daphnia magna)
EC50/48h	>1000 mg/l (Daphnia magna)

### 471-34-1 calcium carbonate

IC50/72h	>1000 mg/l (algae)
LC50/24h	>10 mg/l (fish)
LC50/96h	>1000 mg/l (fish)
EC50/48h	>1000 mg/l (Daphnia magna)

### 25265-77-4 texanol

LC0/96h	>19 mg/l (Oncorhynchus mykiss)
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<i>EbC50/72h</i>	8.1 mg/l ( <i>Pseudokirchneriella subcapitata</i> )
<i>LC50/96h</i>	33 mg/l ( <i>Oncorhynchus mykiss</i> )
<i>EC50/48h</i>	147.8 mg/l ( <i>Daphnia magna</i> )
<i>ErC50/72h</i>	15 mg/l ( <i>Pseudokirchneriella subcapitata</i> )

### 2682-20-4 2-methyl-2H-isothiazol-3-one

<i>EC50/72h</i>	0.157 mg/l ( <i>Pseudokirchneriella subcapitata</i> )
<i>LC50/96h</i>	6 mg/l ( <i>Oncorhynchus mykiss</i> )
<i>EC50/48h</i>	1.68 mg/l ( <i>Daphnies</i> )

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

## 14 Transport information

- |                                     |      |
|-------------------------------------|------|
| · <b>UN-Number</b>                  |      |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>UN proper shipping name</b>    |      |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>Transport hazard class(es)</b> |      |
| · <b>ADR, ADN, IMDG, IATA</b>       |      |
| · <b>Class</b>                      | Void |

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· <b>Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	Void

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** Environment protection department.
- **Contact:**
- **Abbreviations and acronyms:**
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  - ICAO: International Civil Aviation Organisation
  - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - DNEL: Derived No-Effect Level (REACH)
  - PNEC: Predicted No-Effect Concentration (REACH)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 3: Acute toxicity – Category 3
  - Acute Tox. 5: Acute toxicity – Category 5
  - Acute Tox. 2: Acute toxicity – Category 2

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*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Skin Sens. 1: Skin sensitisation – Category 1*

*Skin Sens. 1A: Skin sensitisation – Category 1A*

*Carc. 2: Carcinogenicity – Category 2*

*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

· **\* Data compared to the  
previous version altered.**

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