

## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

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

- **1.1 Product identifier**
- Trade name **FASSADENSILIKATFARBE SUPRA SK 60**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Dispersion paint/ Latex paint
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
MUREXIN GmbH  
Franz v. Furtenbachstr. 1  
A-2700 Wiener Neustadt  
Tel.: +43 (0)2622/27401
- **Informing department:** chemikalieninfo@murexin.com
- **1.4 Emergency telephone number:**  
UK National poisons Emergency number.: +44 (0) 870 600 6266

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Skin Sens. 1      H317 May cause an allergic skin reaction.

Aquatic Chronic 3      H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
2-octyl-2H-isothiazol-3-one  
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9]
- **Hazard statements**  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**  
P101      If medical advice is needed, have product container or label at hand.  
P102      Keep out of reach of children.  
P103      Read carefully and follow all instructions.  
P261      Avoid breathing mist/vapours/spray.  
P273      Avoid release to the environment.  
P280      Wear protective gloves.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501      Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 2)

## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

**Trade name FASSADENSILIKATFARBE SUPRA SK 60**

(Contd. of page 1)

- **Additional information:**  
Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture consisting of the following components with harmless additives.

· **Dangerous components:**

|   |  |         |
|---|--|---------|
| CAS: 1317-65-3<br>EINECS: 215-279-6                                 | Calciumcarbonat<br><br>substance with a Community workplace exposure limit   | 10-25%  |
| CAS: 57-55-6<br>EINECS: 200-338-0<br>Reg.nr.: 01-2119456809-23-xxxx | Propylene glycol<br>substance with a Community workplace exposure limit  | 1-2.5%  |
| CAS: 2634-33-5<br>EINECS: 220-120-9                                 | 1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9]<br>---<br>☠ Eye Dam. 1, H318<br>☠ Aquatic Acute 1, H400<br>☠ Acute Tox. 4, H302; Skin Irrit. 2, H315;<br>Skin Sens. 1, H317<br>Specific concentration limit:<br>Skin Sens. 1; H317: C ≥ 0.05 % | <0.1%   |
| CAS: 52-51-7<br>EINECS: 200-143-0                                   | bronopol (INN)<br>---<br>☠ Eye Dam. 1, H318<br>☠ Aquatic Acute 1, H400 (M=10)<br>☠ Acute Tox. 4, H302; Acute Tox. 4, H312;<br>Skin Irrit. 2, H315; STOT SE 3, H335   | <0.025% |

(Contd. on page 3)

GB









## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

Trade name FASSADENSILIKATFARBE SUPRA SK 60

| (Contd. of page 2)                      |  |                   |
|---|--|-------------------|
| CAS: 26530-20-1<br>EINECS: 247-761-7    | 2-octyl-2H-isothiazol-3-one<br> Acute Tox. 3, H301; Acute Tox. 3, H311;<br>Acute Tox. 2, H330<br> Skin Corr. 1, H314; Eye Dam. 1, H318<br> Aquatic Acute 1, H400 (M=100); Aquatic<br>Chronic 1, H410 (M=100)<br> Skin Sens. 1A, H317<br>EUH071<br>ATE: LD50 oral: 125 mg/kg<br>LD50 dermal: 311 mg/kg<br>LC50/4 h inhalative: 0.27 mg/l<br>Specific concentration limit:<br>Skin Sens. 1A;H317: C ≥ 0.0015 %   | ≥0.0025-<0.025%   |
| CAS: 55965-84-9<br>EC number: 611-341-5 | reaction mass of: 5-chloro-2-methyl-4-<br>isothiazolin-3-one [EC no. 247-500-7] and<br>2-methyl-2H-isothiazol-3-one [EC no. 220-<br>239-6] (3:1)<br> Acute Tox. 3, H301; Acute Tox. 2, H310;<br>Acute Tox. 2, H330<br> Skin Corr. 1C, H314<br> Aquatic Acute 1, H400 (M=100); Aquatic<br>Chronic 1, H410 (M=100)<br> Skin Sens. 1A, H317<br>EUH071<br>Specific concentration limits:<br>Skin Corr. 1C;H314: C ≥ 0.6 %<br>Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %<br>Eye Dam. 1; H318: C ≥ 0.6 %<br>Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %<br>Skin Sens. 1A; H317: C ≥ 0.0015 % | ≥0.00025-<0.0025% |

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact**  
Instantly wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** In case of persistent symptoms consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
Use fire fighting measures that suit the environment.  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.

(Contd. on page 4)

## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

Trade name FASSADENSILIKATFARBE SUPRA SK 60

(Contd. of page 3)

- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**  
Cool endangered containers with water spray jet.  
Collect contaminated fire fighting water separately. It must not enter drains.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective clothing.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or water bodies.  
Dilute with much water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
No dangerous materials are released.  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**  
Protect from frost.  
Keep container tightly sealed.
- **Storage class 12**
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

- **Components with critical values that require monitoring at the workplace:**

#### 1317-65-3 Calciumcarbonat

|     |   |
|-----|---|
| WEL | Long-term value: 10* 4** mg/m <sup>3</sup><br>*inhalable dust; **respirable |
|-----|---|

#### 57-55-6 Propylene glycol

|     |  |
|-----|--|
| WEL | Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm<br>*total vapour and particulates **particulates |
|-----|--|

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to in handling the chemicals.  
Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.

(Contd. on page 5)

## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

Trade name FASSADENSILIKATFARBE SUPRA SK 60

(Contd. of page 4)

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

- **Breathing equipment:**

Only during spraying without adequate removal by suction.

Filter A/P2.

- **Hand protection** Protective gloves.

- **Material of gloves**

Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.

- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection** Safety glasses

- **Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Physical state**

Fluid

- **Colour:**

According to product specification

- **Smell:**

Characteristic

- **Melting point/freezing point:**

Not determined

- **Boiling point or initial boiling point and boiling range**

100 °C (7732-18-5 water, distilled, conductivity or of similar purity)

- **Flash point:**

Not applicable

- **Auto-ignition temperature:**

&gt;400 °C (Leucophyllite)

- **pH at 20 °C**

11

- **Viscosity:**

- **Kinematic viscosity**

Not determined.

- **dynamic at 20 °C:**

7,000-13,000 mPas

- **Solubility**

- **Water:**

Fully miscible

- **Partition coefficient n-octanol/water (log value)**

Not determined.

- **Steam pressure at 20 °C:**

23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)

- **Density and/or relative density**

- **Density at 20 °C**

1.5 g/cm<sup>3</sup>

- **9.2 Other information**

- **Appearance:**

- **Form:**

Fluid

- **Important information on protection of health and environment, and on safety.**

- **Self-inflammability:**

Product is not selfigniting.

- **Explosive properties:**

Product is not explosive.

- **Solvent content:**

- **Water:**

34.5 %

- **Solids content:**

51-51.1 %

- **Information with regard to physical hazard classes**

- **Explosives**

Void

- **Flammable gases**

Void

- **Aerosols**

Void

- **Oxidising gases**

Void

(Contd. on page 6)

## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

Trade name FASSADENSILIKATFARBE SUPRA SK 60

(Contd. of page 5)

|  |      |
|--|------|
| · <b>Gases under pressure</b>  | Void |
| · <b>Flammable liquids</b>   | Void |
| · <b>Flammable solids</b>  | Void |
| · <b>Self-reactive substances and mixtures</b>                                     | Void |
| · <b>Pyrophoric liquids</b>  | Void |
| · <b>Pyrophoric solids</b>   | Void |
| · <b>Self-heating substances and mixtures</b>                                      | Void |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void |
| · <b>Oxidising liquids</b>   | Void |
| · <b>Oxidising solids</b>  | Void |
| · <b>Organic peroxides</b>   | Void |
| · <b>Corrosive to metals</b>   | Void |
| · <b>Desensitised explosives</b>   | Void |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

#### 1317-65-3 Calciumcarbonat

|      |      |                    |
|------|------|--------------------|
| Oral | LD50 | >5,000 mg/kg (rat) |
|------|------|--------------------|

#### 57-55-6 Propylene glycol

|        |      |                       |
|--------|------|-----------------------|
| Oral   | LD50 | 22,000 mg/kg (rat)    |
| Dermal | LD50 | >2,000 mg/kg (rabbit) |

#### 52-51-7 bronopol (INN)

|      |      |                 |
|------|------|-----------------|
| Oral | LD50 | 305 mg/kg (rat) |
|------|------|-----------------|

#### 26530-20-1 2-octyl-2H-isothiazol-3-one

|            |          |                 |
|------------|----------|-----------------|
| Oral       | LD50     | 125 mg/kg (ATE) |
| Dermal     | LD50     | 311 mg/kg (ATE) |
| Inhalative | LC50/4 h | 0.27 mg/l (ATE) |

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

(Contd. on page 7)

## Safety data sheet according to UK REACH

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Version number 4

Revision: 07.11.2024

Trade name FASSADENSILIKATFARBE SUPRA SK 60

(Contd. of page 6)

- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) -**
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

|          |                          |         |
|----------|--------------------------|---------|
| 330-54-1 | diuron                   | List II |
| 128-37-0 | Butylated hydroxytoluene | List II |

### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

- **1317-65-3 Calciumcarbonat**

|           |                 |
|-----------|-----------------|
| EC 50/48h | >1,000 mg/l (G) |
|-----------|-----------------|

|       |                                    |
|-------|------------------------------------|
| EC 50 | 289 mg/l (Desmodesmus subspicatus) |
|-------|------------------------------------|

|      |  |
|------|--|
| LC50 | >10,000 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) |
|------|--|

- **57-55-6 Propylene glycol**

|          |   |
|----------|---|
| LC50/96h | 40,613 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) |
|----------|---|

|      |   |
|------|---|
| LC50 | 40,613 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) |
|------|---|

- **2634-33-5 1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9]**

|           |                     |
|-----------|---------------------|
| EC 50/48h | 3.27 mg/l (Daphnie) |
|-----------|---------------------|

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class (Germany) 2 (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Danger to drinking water if even small quantities leak into soil.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Smaller quantities can be disposed with household garbage.

Do not allow to enter waterways or drains.

- **Uncleaned packagings:**

- **Recommendation:**

Disposal must be made according to official regulations.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

GB

(Contd. on page 8)

## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

Trade name FASSADENSILIKATFARBE SUPRA SK 60

(Contd. of page 7)

### SECTION 14: Transport information

|  |                 |
|--|-----------------|
| · 14.1 UN number or ID number<br>· ADR, ADN, IMDG, IATA                | Void            |
| · 14.2 UN proper shipping name<br>· ADR, ADN, IMDG, IATA               | Void            |
| · 14.3 Transport hazard class(es)<br>· ADR, ADN, IMDG, IATA<br>· Class | Void            |
| · 14.4 Packing group<br>· ADR, IMDG, IATA                              | Void            |
| · 14.5 Environmental hazards:<br>· Marine pollutant:                   | No              |
| · 14.6 Special precautions for user                                    | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments         | Not applicable. |
| · UN "Model Regulation":   | Void            |

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act

#### · Regulated explosives precursors

None of the ingredients is listed.

#### · Regulated poisons

None of the ingredients is listed.

#### · Reportable explosives precursors

None of the ingredients is listed.

#### · Reportable poisons

|           |                     |                                 |
|-----------|---------------------|---------------------------------|
| 1310-58-3 | potassium hydroxide | 17% of total caustic alkalinity |
| 7664-41-7 | ammonia, anhydrous  | Listed                          |
| 1310-73-2 | sodium hydroxide    | 12% of total caustic alkalinity |

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

|      |  |
|------|--|
| H301 | Toxic if swallowed.                      |
| H302 | Harmful if swallowed.                    |
| H310 | Fatal in contact with skin.              |
| H311 | Toxic in contact with skin.              |
| H312 | Harmful in contact with skin.            |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation.                  |

(Contd. on page 9)



## Safety data sheet according to UK REACH

Printing date 07.11.2024

Version number 4

Revision: 07.11.2024

**Trade name FASSADENSILIKATFARBE SUPRA SK 60**

(Contd. of page 8)

H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H330 Fatal if inhaled.  
 H335 May cause respiratory irritation.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 EUH071 Corrosive to the respiratory tract.

· **Contact:** chemikalieninfo@murexin.com (+43 02622/27401)

· **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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

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

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

Skin Sens. 1: Skin sensitisation – Category 1

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

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