

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 1 of 14

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

1.1. Product identifier

Bergolin 1-Component Topcoat 6P1600, RAL3020

nanoform

Product group:

Produkt

UFI:

572V-KVEW-9XDD-HTQT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

topcoat pigmented

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name: Bergolin GmbH & Co. KG
Street: Sachsenring 1
Place: D-27711 Osterholz-Scharmbeck
Telephone: +49 4795 95899 0
e-mail: info@bergolin.de
Contact person: Gefahrstoffmanagement
e-mail: sdb@bergolin.de
Internet: www.bergolin.de
Responsible Department: Sicherheitsdatenblattverwaltung

1.4. Emergency telephone number:

+49 4795 95899 0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin Sens. 1; H317

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-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)

Signal word:

Warning

Pictograms:



Hazard statements

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 2 of 14

Precautionary statements

| | |
|-----------|---|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| 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 to an appropriate recycling or disposal facility. |

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Acrylate copolymer dispersion

Hazardous components

| CAS No | Chemical name | Quantity |
|--------------|---|------------------|
| | EC No | Index No |
| | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | |
| 6535-46-2 | C.I. Pigment Red 112 (nanoform: .) | 1 - < 5 % |
| | 229-440-3 | 01-2119456820-39 |
| | Aquatic Chronic 2; H411 | |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | 1 - < 5 % |
| | 915-687-0 | 01-2119491304-40 |
| | Repr. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H361 H317 H400 H410 | |
| 5131-66-8 | 3-butoxypropan-2-ol; propylene glycol monobutyl ether | 1 - < 5 % |
| | 225-878-4 | 603-052-00-8 |
| | Skin Irrit. 2, Eye Irrit. 2; H315 H319 | |
| 34590-94-8 | (2-methoxymethylethoxy)propanol | 1 - < 5 % |
| | 252-104-2 | 01-2119450011-60 |
| | | |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | < 0.1 % |
| | 220-120-9 | 613-088-00-6 |
| | 01-2120761540-60 | |
| | Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H330 H302 H315 H318 H317 H400 H411 | |
| 135-61-5 | C.I. Azoic Coupl. Comp. 18 | < 0.1 % |
| | 205-205-0 | 01-2119473801-38 |
| | Skin Sens. 1A, Aquatic Chronic 2; H317 H411 | |

Full text of H and EUH statements: see section 16.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 3 of 14

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|--------------|-----------|---|-----------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 6535-46-2 | 229-440-3 | C.I. Pigment Red 112 | 1 - < 5 % |
| | | dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg | |
| 1065336-91-5 | 915-687-0 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | 1 - < 5 % |
| | | dermal: LD50 = >3000 mg/kg; oral: LD50 = >3000 mg/kg | |
| 34590-94-8 | 252-104-2 | (2-methoxymethylethoxy)propanol | 1 - < 5 % |
| | | dermal: LD50 = 9510 mg/kg; oral: LD50 = >5000 mg/kg | |
| 2634-33-5 | 220-120-9 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | < 0.1 % |
| | | inhalation: ATE = 0,5 mg/l (vapours); inhalation: LC50 = 0,4 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = 532 mg/kg Skin Sens. 1; H317: >= 0,05 - 100 M acute; H400: M=1 | |
| 135-61-5 | 205-205-0 | C.I. Azoic Coupl. Comp. 18 | < 0.1 % |
| | | oral: LD50 = >5000 mg/kg | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious place in recovery position and seek medical advice.
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove casualty to fresh air and keep warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

Immediately remove any contaminated clothing, shoes or stockings.
After contact with skin, wash immediately with plenty of water and soap.
Do not wash with: Solvents/Thinner.
In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.
Let water be drunk in little sips (dilution effect).
Never give anything by mouth to an unconscious person or a person with cramps.
Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

4 No information available.

4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 4 of 14

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder, Water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.

Hazardous decomposition products: carbon black, Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x)

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Keep away from sources of ignition - No smoking. Ventilate affected area.

Avoid contact with skin, eyes and clothes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Safe handling: see section 7

Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal. Disposal: see section 13

Clean with detergents. Avoid solvent cleaners.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Solvent:

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Only use the material in places where open light, fire and other flammable sources can be kept away. Use explosion-proof electrical equipment. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Use only antistatically equipped (spark-free) tools.

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists, Inhalation of dust/particles. When using do not eat, drink, smoke, sniff.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains. Avoid release to the environment. Collect spillage.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 5 of 14

Advice on protection against fire and explosion

Solvent - Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Advice on general occupational hygiene

Use only in well-ventilated areas.

When using do not eat, drink, smoke, sniff.

Take off contaminated clothing and wash it before reuse.

Wash hands and face before breaks and after work and take a shower if necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV)

Hints on joint storage

Do not store together with: Oxidizing agent, Strong acid, Strong alkali, Food and feedingstuffs

Further information on storage conditions

Notice the directions for use on the label.

Ingredient: Solvent - Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

| CAS No | Substance | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|------------|------------------------------------|-----|-------------------|---------------------|-----------|--------|
| 34590-94-8 | (2-Methoxymethylethoxy)-I-propanol | 50 | 308 | | TWA (8 h) | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 6 of 14

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|--|----------------|----------|------------------------|
| 6535-46-2 | C.I. Pigment Red 112 | | | |
| Worker DNEL, long-term | | dermal | systemic | 42 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 49 mg/m ³ |
| Worker DNEL, long-term | | inhalation | local | 3 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 25 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 25 mg/kg bw/day |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | |
| Consumer DNEL, long-term | | oral | systemic | 0,18 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 0,9 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | systemic | 1,8 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 0,31 mg/m ³ |
| Worker DNEL, long-term | | inhalation | systemic | 1,27 mg/m ³ |
| 5131-66-8 | 3-butoxypropan-2-ol; propylene glycol monobutyl ether | | | |
| Worker DNEL, long-term | | inhalation | systemic | 271 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 44 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 33,8 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 8,75 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 16 mg/kg bw/day |
| 34590-94-8 | (2-methoxymethylethoxy)propanol | | | |
| Worker DNEL, long-term | | inhalation | systemic | 308 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 65 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 37,2 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 15 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 36 mg/kg bw/day |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | | | |
| Worker DNEL, long-term | | inhalation | systemic | 6,81 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | systemic | 1,2 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 0,966 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 0,345 mg/kg bw/day |
| 135-61-5 | C.I. Azoic Coupl. Comp. 18 | | | |
| Worker DNEL, long-term | | dermal | systemic | 42 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 49 mg/m ³ |
| Worker DNEL, long-term | | inhalation | local | 3 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 25 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 25 mg/kg bw/day |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 7 of 14

PNEC values

| CAS No | Substance | Value |
|--|--|---------------|
| Environmental compartment | | Value |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | |
| Freshwater | | 0,0022 mg/l |
| Marine water | | 0,00022 mg/l |
| Marine sediment | | 0,11 mg/kg |
| Soil | | 0,21 mg/kg |
| 5131-66-8 | 3-butoxypropan-2-ol; propylene glycol monobutyl ether | |
| Freshwater | | 0,525 mg/l |
| Marine water | | 0,0525 mg/l |
| Freshwater sediment | | 2,36 mg/kg |
| Marine sediment | | 0,236 mg/kg |
| Soil | | 0,16 mg/kg |
| 34590-94-8 | (2-methoxymethylethoxy)propanol | |
| Freshwater | | 19 mg/l |
| Marine water | | 1,9 mg/l |
| Freshwater sediment | | 70,2 mg/kg |
| Marine sediment | | 7,02 mg/kg |
| Soil | | 2,74 mg/kg |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | |
| Freshwater | | 0,00403 mg/l |
| Freshwater (intermittent releases) | | 0,0011 mg/l |
| Marine water | | 0,000403 mg/l |
| Freshwater sediment | | 0,00499 mg/kg |
| Marine sediment | | 0,00499 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 1,03 mg/l |
| Soil | | 3 mg/kg |

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection.

Hand protection

Wear protective gloves. Replace when worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: EN ISO 374 rubair búitleach nó Viton (is gá go mbeadh resistance ar an ábhar agus See information supplied by the manufacturer.)

Breakthrough time (maximum wearing time): not determined

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 8 of 14

mentioned above together with the supplier of these gloves. Thickness of the glove material Breakthrough times and swelling properties of the material must be taken into consideration. Observe the wear time limits as specified by the manufacturer.

Use protective skin cream before handling the product.

Skin protection

Wear anti-static footwear and clothing Suitable material: Natural fibres (e.g. cotton) / heat-resistant synthetic fibres.

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values.
Use suitable breathing apparatus.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | liquid |
| Colour: | red |
| Odour: | characteristic |

Test method

Changes in the physical state

Boiling point or initial boiling point and boiling range: 100 °C

Flash point: > 100 °C DIN 53213

Flammability

Solid/liquid: not determined

Gas: not determined

Explosive properties

No information available.

Auto-ignition temperature: 270 °C

Self-ignition temperature

Solid: not determined

Gas: not determined

Decomposition temperature: not determined

pH-Value (at 20 °C): 8,4

Flow time:
(at 20 °C) 40 6 DIN EN ISO 2431

Partition coefficient n-octanol/water: not determined

Vapour pressure:
(at 20 °C) 23 hPa

Density (at 20 °C): 1,24 g/cm³ DIN 53217

9.2. Other information

Sustaining combustion: No data available

Oxidizing properties
No information available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 9 of 14

| | |
|--------------------------|---------------------------------|
| Solvent separation test: | <3 % (Land transport (ADR/RID)) |
| Solvent content: | 2,29 %, water: 40,52 % |
| Solid content: | 57,19 % |
| Evaporation rate: | not determined |

Further Information

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Oxidizing agent, Strong acid, Strong alkali

10.4. Conditions to avoid

May form hazardous decomposition products when exposed to high temperatures.

10.5. Incompatible materials

Oxidizing agent, Strong acid, Strong alkali

10.6. Hazardous decomposition products

Nitrogen oxides (NO_x), carbon black, Carbon dioxide (CO₂), Carbon monoxide

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 10 of 14

| CAS No | Chemical name | | | | |
|--------------|--|------------------|---------|--------|----------|
| | Exposure route | Dose | Species | Source | Method |
| 6535-46-2 | C.I. Pigment Red 112 | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |
| | dermal | LD50 >5000 mg/kg | Rat | | |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | | |
| | oral | LD50 >3000 mg/kg | Rat | | |
| | dermal | LD50 >3000 mg/kg | Rat | | |
| 34590-94-8 | (2-methoxymethylethoxy)propanol | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |
| | dermal | LD50 9510 mg/kg | Rabbit | | |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | | | | |
| | oral | LD50 532 mg/kg | | | OECD 423 |
| | dermal | LD50 >2000 mg/kg | | | OECD 402 |
| | inhalation vapour | ATE 0,5 mg/l | | | |
| | inhalation (4 h) dust/mist | LC50 0,4 mg/l | | | |
| 135-61-5 | C.I. Azoic Coupl. Comp. 18 | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate; 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; C.I. Azoic Coupl. Comp. 18)

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Practical experience

Following inhalation:

Adverse human health effects and symptoms: May cause respiratory irritation. May cause damage to liver if inhaled. May cause damage to kidneys if inhaled. Depression of central nervous system.

Symptoms: Headache, Dizziness, Drowsiness, Unconsciousness

After eye contact:

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 11 of 14

Irritating to eyes. (reversible.)

Following skin contact:

May be absorbed through the skin. Frequently or prolonged contact with skin may cause dermal irritation. Has degreasing effect on the skin.

Further information

There are no data available on the mixture itself.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | | |
|--------------|--|---------------------|-----------|-------------------------------------|--------|----------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 6535-46-2 | C.I. Pigment Red 112 | | | | | |
| | Acute fish toxicity | LC50 >100 mg/l | 96 h | Oryzias latipes (Ricefish) | | OECD 203 |
| | Acute crustacea toxicity | EC50 >100 mg/l | 48 h | | | OECD 202 |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | | | |
| | Acute fish toxicity | LC50 0,9 mg/l | 96 h | Brachydanio rerio (zebra-fish) | | |
| 34590-94-8 | (2-methoxymethylethoxy)propanol | | | | | |
| | Acute fish toxicity | LC50 >1000 mg/l | 96 h | Poecilia reticulata | | |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | | | | | |
| | Acute fish toxicity | LC50 2,18 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 0,155 mg/l | 72 h | Selenastrum capricornutum | | |
| | Acute crustacea toxicity | EC50 0,643 mg/l | 48 h | Daphnia magna (Big water flea) | | |
| | Fish toxicity | NOEC 0,21 mg/l | 28 d | Oncorhynchus mykiss (Rainbow trout) | | OECD 215 |
| | Crustacea toxicity | NOEC 1,2 mg/l | 21 d | | | OECD 211 |
| | Acute bacteria toxicity | (EC50 13 mg/l) | 3 h | | | OECD 209 |
| 135-61-5 | C.I. Azoic Coupl. Comp. 18 | | | | | |
| | Acute fish toxicity | LC50 1,33-3,25 mg/l | 96 h | Danio rerio | | OECD 203 |
| | Acute algae toxicity | ErC50 >0,711 mg/l | 72 h | Desmodesmus subspicatus | | |
| | Acute crustacea toxicity | EC50 >0,108 mg/l | 48 h | | | OECD 202 |
| | Acute bacteria toxicity | (EC50 >1000 mg/l) | 3 h | Activated sludge | | |

12.2. Persistence and degradability

The product has not been tested.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 12 of 14

| CAS No | Chemical name | Method | Value | d | Source |
|-----------|--|------------|-------|----|--------|
| | | Evaluation | | | |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | | | | |
| | OECD 302B | | 90% | | |
| | S3509 | | | | |
| | OECD 303A | | >70% | | |
| | S978 | | | | |
| 135-61-5 | C.I. Azoic Coupl. Comp. 18 | | | | |
| | OECD 301B | | 12% | 28 | |

12.3. Bioaccumulative potential

The product has not been tested.

BCF

| CAS No | Chemical name | BCF | Species | Source |
|-----------|---|------|---------|--------|
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | 6,62 | | |

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

There are no data available on the mixture itself.

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.

Remove according to the regulations.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Hazardous waste according to Directive 2008/98/EC (waste framework directive).

List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Completely emptied packages can be recycled.

Recycle according to official regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 13 of 14

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

2010/75/EU (VOC): 2,457 % (30,468 g/l)

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 3 - highly hazardous to water

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

SECTION 16: Other information

Abbreviations and acronyms

ADR - Accord européen relatif transport des marchandises dangereuses par route ATE - Acute Toxicity Estimate / Schätzwert akuter Toxizität; BCF - Biokonzentrationsfaktor (Bio-Concentration Factor); CAS - Chemical Abstracts Service; CLP - Regulation on Classification, Labelling and Packaging of Substances and Mixtures; CMR - Carcinogenität, Mutagenität, Reproduktionstoxizität; ECHA - European Chemicals Agency / Europäische Chemikalienagentur (in Helsinki); EC50 - Effective Concentration 50%; ErC50 - Average specific growth rate; EINECS - European Inventory of Existing Commercial Chemical Substances; DNEL - „Derived No-Effect Level“; IATA - International Air Transport Association; IMDG - International Maritime Dangerous Goods Code; LC50 - Lethal Concentration 50%; LD50 - Lethal dose 50%; NOAEC/L - No Observed Adverse Effect Concentration / Level; NOEC - No Observed Effect Concentration; OECD - Organization for Economic Cooperation and Development; PBT - Persistent, Bioaccumulative, Toxic (persistent, bioakkumulativ, toxisch); PNEC - Predicted No Effect Concentration; REACH - Registration, Evaluation and Authorization of Chemicals;

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Bergolin 1-Component Topcoat 6P1600, RAL3020

Revision date: 07.01.2025

Product code: A1021119

Page 14 of 14

RID - Règlement International concernant le transport de marchandises dangereuses par chemin de fer; SCL - Specific Concentration Level; STOT - Specific Target Organ Toxicity; SVHC - Stoff sehr hoher Besorgnis (Substance of Very High Concern); VOC - Volatile Organic Compounds; WGK - Wassergefährdungsklasse

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Skin Sens. 1; H317 | Calculation method |
| Aquatic Chronic 3; H412 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|------|---|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)