



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

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

1.1. Product identifier

Marabu Porc&Glas Painter 070, 1-2mm

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

Use of the substance/preparation

Paint

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Marabu GmbH & Co. KG

Asperger Strasse 4

71732 Tamm

Germany

Telephone no. +49-7141/691-0

Information provided Department product safety

by / telephone

E-mail address of PRSI@marabu.com

person responsible

for this SDS

1.4. Emergency telephone number

(+49) (0)621-60-43333

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains 2-Methyl-2H-isothiazol-3-one, 1,2-Benzisothiazol-3(2h)-one, May produce an allergic reaction.

Supplemental information

EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3. Other hazards

No special hazards have to be mentioned.

*
*
*

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

Pyridin-2-thiol-1-oxide, sodium salt

Safety data sheet in accordance with regulation (EC) No 1907/2006



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

CAS No. 3811-73-2
 EINECS no. 223-296-5
 Concentration \geq 0,001 < 0,1 %
 Classification (Regulation (EC) No. 1272/2008)
 Eye Irrit. 2 H319
 Acute Tox. 4 H302
 Acute Tox. 3 H331
 Aquatic Acute 1 H400
 Aquatic Chronic 2 H411
 Acute Tox. 3 H311
 STOT RE 1 H372 Nervous system
 Skin Irrit. 2 H315
 Skin Sens. 1 H317

Concentration limits (Regulation (EC) No. 1272/2008)
 Aquatic Acute 1 H400 M = 100

Bronopol (INN)

CAS No. 52-51-7
 EINECS no. 200-143-0
 Registration no. 01-2119980938-15
 Concentration \geq 0,01 < 0,1 %
 Classification (Regulation (EC) No. 1272/2008)
 Eye Dam. 1 H318
 Skin Irrit. 2 H315
 STOT SE 3 H335
 Acute Tox. 4 H302
 Acute Tox. 4 H312
 Aquatic Acute 1 H400
 Aquatic Chronic 1 H410

Concentration limits (Regulation (EC) No. 1272/2008)
 Aquatic Acute 1 H400 M = 10
 Aquatic Chronic 1 H410 M = 1

1,2-Benzisothiazol-3(2h)-one

CAS No. 2634-33-5
 EINECS no. 220-120-9
 Concentration < 0,05 %
 Classification (Regulation (EC) No. 1272/2008)
 Aquatic Acute 1 H400
 Skin Sens. 1 H317
 Acute Tox. 4 H302
 Skin Irrit. 2 H315
 Eye Dam. 1 H318
 Acute Tox. 2 H330
 Aquatic Chronic 2 H411

Concentration limits (Regulation (EC) No. 1272/2008)
 Skin Sens. 1 H317 \geq 0,05

2-Methyl-2H-isothiazol-3-one

CAS No. 2682-20-4
 EINECS no. 220-239-6
 Concentration < 0,0015 %
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 3 H301
 Acute Tox. 2 H330
 Skin Corr. 1B H314



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

| | |
|-------------------|------|
| Eye Dam. 1 | H318 |
| Aquatic Acute 1 | H400 |
| Skin Sens. 1A | H317 |
| Aquatic Chronic 1 | H410 |
| Acute Tox. 3 | H311 |

Concentration limits (Regulation (EC) No. 1272/2008)

| | | |
|-----------------|------|-----------|
| Skin Sens. 1A | H317 | >= 0,0015 |
| Aquatic Acute 1 | H400 | M = 10 |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

After inhalation

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

After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Adhere to personal protective measures when giving first aid

Use personal protective equipment in case of possible contact with the product (see section 8).

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

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further symptoms are possible.

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

Hints for the physician / treatment

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray/mist

Non suitable extinguishing media

water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); dense black smoke; Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

5.3. Advice for firefighters



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear full chemical protective clothing. Fire fighter's clothing must conform to European standard EN469.

Other information

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Remove persons to safety. Keep away unprotected persons. Avoid contact with skin, eyes and clothing. Avoid breathing vapours. For emergency responders: Wear personal protective equipment. Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections

Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking shall be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in accordance with national regulation

Hints on storage assembly

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Further information on storage conditions

Observe label precautions. Store between 15 and 30 °C in a dry, well ventilated place away from sources of heat and direct sunlight. Protect from frost. If the storage conditions are not observed, the minimum shelf life is no longer guaranteed. Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

Paint

SECTION 8: Exposure controls/personal protection ***



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

8.1. Control parameters

Other information

There are not known any further control parameters.

Derived No/Minimal Effect Levels (DNEL/DMEL) ***

Bronopol (INN)

| | | |
|----------------------|--------------------------------|--------------------|
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 3,5 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Short term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 10,5 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Local effects | |
| Concentration | 2,5 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Short term | |
| Route of exposure | inhalative | |
| Mode of action | Local effects | |
| Concentration | 2,5 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 2 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Short term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 6 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Local effects | |
| Concentration | 8 | µg/cm ² |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |

Safety data sheet in accordance with regulation (EC) No 1907/2006



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

| | | |
|----------------------|--------------------------------|--------------------|
| Duration of exposure | Short term | |
| Route of exposure | dermal | |
| Mode of action | Local effects | |
| Concentration | 8 | µg/cm ² |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 0,6 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Short term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 1,8 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Local effects | |
| Concentration | 0,6 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Short term | |
| Route of exposure | inhalative | |
| Mode of action | Local effects | |
| Concentration | 0,6 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 0,7 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Short term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 2,1 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Local effects | |
| Concentration | 4 | µg/cm ² |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Short term | |
| Route of exposure | dermal | |

Safety data sheet in accordance with regulation (EC) No 1907/2006



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

| | | |
|-------------------------------------|--------------------------------|--------------------|
| Mode of action | Local effects | |
| Concentration | 4 | µg/cm ² |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | oral | |
| Mode of action | Systemic effects | |
| Concentration | 0,18 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Short term | |
| Route of exposure | oral | |
| Mode of action | Systemic effects | |
| Concentration | 0,5 | mg/kg/d |
| 1,2-Benzisothiazol-3(2h)-one | | |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 1,2 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 6,81 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 96,9 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 0,345 | mg/kg/d |

Predicted No Effect Concentration (PNEC) ***

Bronopol (INN)

| | | |
|---------------|------------|------|
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 0,01 | mg/l |
| Type of value | PNEC | |
| Type | Saltwater | |
| Concentration | 0,001 | mg/l |
| Type of value | PNEC | |



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

| | | |
|-------------------------------------|------------------------------|-------|
| Type | Water (intermittent release) | |
| Concentration | 0,003 | mg/l |
| Type of value | PNEC | |
| Type | Sewage treatment plant (STP) | |
| Concentration | 0,43 | mg/l |
| Type of value | PNEC | |
| Type | Freshwater sediment | |
| Concentration | 0,041 | mg/kg |
| Type of value | PNEC | |
| Type | Marine sediment | |
| Concentration | 0,003 | mg/kg |
| Type of value | PNEC | |
| Type | Soil | |
| Concentration | 0,5 | mg/kg |
| 1,2-Benzisothiazol-3(2h)-one | | |
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 0,004 | mg/l |
| Type of value | PNEC | |
| Type | Water (intermittent release) | |
| Concentration | 0,0011 | mg/l |
| Type of value | PNEC | |
| Type | Saltwater | |
| Concentration | 0,0004 | mg/l |
| Type of value | PNEC | |
| Type | Sewage treatment plant (STP) | |
| Concentration | 1,03 | mg/l |
| Type of value | PNEC | |
| Type | Freshwater sediment | |
| Concentration | 0,0499 | mg/kg |
| Type of value | PNEC | |
| Type | Soil | |
| Concentration | 3,0 | mg/kg |
| Type of value | PNEC | |
| Type | Marine sediment | |
| Concentration | 0,00499 | mg/kg |

8.2. Exposure controls

Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Wash hands and / or face before breaks and after work. Take off dirty, soaked clothes immediately. Wash soiled clothing before re-use.



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

Respiratory protection

If workers could be exposed to concentrations above the exposure limit they should use a respirator to EN 140, fitted with a filter suitable for both particulates and vapours, to EN 14387, with an assigned protection factor of at least 10 (e.g. A2P3). Selection of any respiratory protective equipment should ensure that it is adequate to reduce exposure to protect the worker's health and is suitable for the wearer, task and environment, including consideration of the facial features of the wearer.

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

Use gloves tested according to EN 374.

For prolonged or repeated handling, use

| | | | |
|----------------------|-------|-----|--|
| Appropriate Material | vinyl | | |
| Material thickness | 0,1 | mm | |
| Breakthrough time | > 480 | min | |

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection

Use safety eyewear tested according to EN ISO 16321-1 designed to protect against splash of liquids.

Body protection

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre. Cotton or cotton/synthetic overalls or coveralls are normally suitable.

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | liquid |
| Colour | white |
| Odour | slightly perceptible |
| Melting point | |
| Remarks | Not applicable due to nature of the product |
| Freezing point | |
| Remarks | Not applicable due to nature of the product |
| Boiling point or initial boiling point and boiling range | |
| Reference substance | Water |
| Value | appr. 100 °C |
| Pressure | 1.013 hPa |
| Source | Literature value |
| Flammability | |
| Not ignitable | |
| Upper and lower explosive limits | |
| Remarks | not determined |
| Flash point | |



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

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Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

Remarks Not applicable due to nature of the product

Auto-ignition temperature

Remarks not determined

Decomposition temperature

Remarks No decomposition if used as prescribed.

pH value

Value 8 to 9
 Temperature 20 °C
 Method WTW PH 340

Viscosity

kinematic

Value appr. 4 to 55 mm²/s
 Temperature 20 °C
 Method derived from dynamic viscosity

Solubility(ies)

Remarks miscible with water

Partition coefficient n-octanol/water (log value)

Remarks Not applicable due to nature of the product

Vapour pressure

Value appr. 23 hPa
 Temperature 20 °C
 Method Value taken from the literature

Density and/or relative density

Value 1,04 g/cm³
 Temperature 20 °C
 Method DIN EN ISO 2811

Relative vapour density

Value > 1

Particle characteristics

Remarks Not applicable due to nature of the product

9.2. Other information

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4. Conditions to avoid

Protect from heat/overheating. When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials

Oxidising agents, strongly alkaline substances, Strongly acidic substances



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

10.6. Hazardous decomposition products

See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture). No decomposition during or intended use (see section 1).

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

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

Acute oral toxicity (Components)**1,2-Benzisothiazol-3(2h)-one**

| | | | |
|---------|-----|-----|-------|
| Species | rat | | |
| LD50 | | 490 | mg/kg |

Pyridin-2-thiol-1-oxide, sodium salt

| | | | |
|-----|--|-----|-------|
| ATE | | 500 | mg/kg |
|-----|--|-----|-------|

Acute dermal toxicity

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

Acute dermal toxicity (Components)**1,2-Benzisothiazol-3(2h)-one**

| | | | |
|---------|-----|------|-------|
| Species | rat | | |
| LD50 | | 4115 | mg/kg |

Pyridin-2-thiol-1-oxide, sodium salt

| | | | |
|-----|--|-----|-------|
| ATE | | 790 | mg/kg |
|-----|--|-----|-------|

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)**Pyridin-2-thiol-1-oxide, sodium salt**

| | | | |
|---------------------|-----------|-----|------|
| ATE | | 0,5 | mg/l |
| Administration/Form | Dust/Mist | | |

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)**Single exposure**

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

Repeated exposure

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

Aspiration hazard



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

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Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

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

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

There are no data available on the mixture itself.

The mixture has been assessed following the additivity method of the CLP Regulation (EC) No 1272/2008 and classified for toxicological hazards accordingly.

SECTION 12: Ecological information

12.1. Toxicity

General information

There are no data available on the mixture itself. Do not allow to enter drains or water courses. The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.

Fish toxicity (Components)

Bronopol (INN)

| | | | |
|----------------------|--|---|------|
| Species | rainbow trout (<i>Oncorhynchus mykiss</i>) | | |
| LC50 | 3 | | mg/l |
| Duration of exposure | 96 | h | |
| Method | OECD 203 | | |

Bronopol (INN)

| | | | |
|----------------------|--|---|------|
| Species | rainbow trout (<i>Oncorhynchus mykiss</i>) | | |
| NOEC | 2,61 | | mg/l |
| Duration of exposure | 28 | d | |
| Method | OECD 203 | | |

1,2-Benzisothiazol-3(2h)-one

| | | | |
|----------------------|--|---|------|
| Species | rainbow trout (<i>Oncorhynchus mykiss</i>) | | |
| LC50 | 2,18 | | mg/l |
| Duration of exposure | 96 | h | |

Daphnia toxicity (Components)

Bronopol (INN)

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia magna | | |
| EC50 | 1,04 | | mg/l |
| Duration of exposure | 48 | h | |
| Method | OECD 202 | | |

Bronopol (INN)

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia magna | | |
| NOEC | 0,06 | | mg/l |
| Duration of exposure | 21 | d | |
| Method | OECD 211 | | |

1,2-Benzisothiazol-3(2h)-one

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia magna | | |
| EC50 | 2,94 | | mg/l |
| Duration of exposure | 48 | h | |

Algae toxicity (Components)

Bronopol (INN)

| | | | |
|----------------------|---------------------------------|---|------|
| Species | Pseudokirchneriella subcapitata | | |
| EC50 | 0,068 | | mg/l |
| Duration of exposure | 72 | h | |



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

| | | |
|-------------------------------------|---------------------------------|------|
| Method | OECD 201 | |
| Bronopol (INN) | | |
| Species | Pseudokirchneriella subcapitata | |
| NOEC | 0,0025 | mg/l |
| Duration of exposure | 72 | h |
| Method | OECD 201 | |
| 1,2-Benzisothiazol-3(2h)-one | | |
| Species | Pseudokirchneriella subcapitata | |
| ErC50 | 0,11 | mg/l |
| Duration of exposure | 72 | h |

12.2. Persistence and degradability

General information

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

General information

There are no data available on the mixture itself.

Partition coefficient n-octanol/water (log value)

Remarks Not applicable due to nature of the product

12.4. Mobility in soil

General information

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

General information

There are no data available on the mixture itself.

Results of PBT and vPvB assessment

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

There are no data available on the mixture itself.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Do not allow to enter drains or water courses.

Wastes and emptied containers should be classified in accordance with relevant national regulation.

The European Waste Catalogue classification of this product, when disposed of as waste is

EWG waste code 08 01 19* aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.



Trade name: Marabu Porc&Glas Painter 070, 1-2mm

Version: 10 / GB

Date revised: 15.11.2023

Substance number: 01230031070

Replaces Version: 9 / GB

Print date: 15.11.23

Disposal recommendations for packaging

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

SECTION 14: Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|----------------------------------|---|--|--|
| 14.1. UN number | The product does not constitute a hazardous substance in land transport.- | The product does not constitute a hazardous substance in sea transport.- | The product does not constitute a hazardous substance in air transport.- |
| 14.2. UN proper shipping name | - | - | - |
| 14.3. Transport hazard class(es) | - | - | - |
| Subsidiary risk | | - | - |
| Label | | | |
| 14.4. Packing group | - | - | - |
| Transport category | 0 | | |

Information for all modes of transport

14.6. Special precautions for user

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information

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

VOC

| | | | |
|----------|------|-----|-----|
| VOC (EU) | 0,74 | % | |
| VOC (EU) | | 7,7 | g/l |

Other regulations, restrictions and prohibition regulations

The product complies with the requirements of the Persistent Organic Pollutants Regulation 2019/1021.

The product complies with the requirements of Regulation 1005/2009 on substances that deplete the ozone layer.

The product is not subject to Regulation 649/2012 on the export and import of dangerous chemicals.

Other information

All components are contained in the DSL inventory.

All components are contained in the ECL inventory.



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15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

| | |
|------|---|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| 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. |
| H331 | Toxic if inhaled. |
| H335 | May cause respiratory irritation. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| 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. |

CLP categories listed in Chapter 3

| | |
|-------------------|--|
| Acute Tox. 2 | Acute toxicity, Category 2 |
| Acute Tox. 3 | Acute toxicity, Category 3 |
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment, chronic, Category 2 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | Eye irritation, Category 2 |
| Skin Corr. 1B | Skin corrosion, Category 1B |
| Skin Irrit. 2 | Skin irritation, Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| Skin Sens. 1A | Skin sensitization, Category 1A |
| STOT RE 1 | Specific target organ toxicity - repeated exposure, Category 1 |
| STOT SE 3 | Specific target organ toxicity - single exposure, Category 3 |

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.
The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.
The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.