| Trade name: Marabu Textil N | letallic 782, 50 r | | | Marabu |
|---|--------------------|--|--------------------------------|--------------------------|
| | | Version: 7 / | | Date revised: 06.05.2020 |
| Substance number: 171405 | 782 | Replaces Version: | 6 / WORLD | Print date: 07.05.20 |
| SECTION 1: Identific company/undertakin | | e substance/m | ixture and of t | <u>he</u> |
| 1.1. Product identifier Marabu Textil Metalli | c 782, 50 ml | | | |
| 1.2. Relevant identified | uses of the | substance or mix | ture and uses a | dvised against |
| Use of the substance/p Paint | reparation | | | |
| 1.3. Details of the supp | lier of the sa | fety data sheet | | |
| Address/Manufactur | | , | Importor | |
| Marabu GmbH & Co. | KG | | Importer - S&S Wholesale Pt | v Limited |
| Asperger Strasse 4 | | | 18/10 Pioneer Ave | - |
| 71732 Tamm | | | Thornleigh NSW | |
| Germany Telephone no. | +49-7141/691 | -0 | Tel: 1300 731 529 | Fax: 1300 739 715 |
| Fax no. | +49-7141/691 | | | |
| Information provided | Department p | roduct safety | Emergency Contac | ct: |
| by / telephone E-mail address of | PRSI@marab | | S&S Wholesale Pt | y. Limited |
| person responsible | TROIGINATAL | 0.0011 | Tel: 1300 731 529 | Fax: 1300 739 715 |
| for this SDS | | | | |
| 1.4. Emergency telepho (+49) (0)621-60-4333 | | | | |
| SECTION 2: Hazards | identificat | ion *** | | |
| 2.1. Classification of th This product is not cla | | or mixture | Regulation (EC) No | 1272/2008. |
| 2.2. Label elements | | | | |
| Labelling according | g to regulation | on (EC) No 1272/2 | 2008 | |
| EUH208 Contains | 2-Methyl-2H-i | sothiazol-3-one, A mix | cture of: | |
| *** | 2-Methyl-2H-i | ethyl-2h-isothiazol-3-c sothiazol-3-one [EC-n iazol-3(2h)-one, May | o. 220-239-6] (3:1) / | C(M)IT/MIT (3:1), |
| Supplemental inform | nation | | | |
| Labelling according | to regulation | (EU) No 528/2012 * | ** | |
| | | e of: 5-Chloro-2-meth 220-239-6] (3:1) / C(| | e [EC-no. 247-500-7] and |
| 2.3. Other hazards No special hazards h | ave to be mention | oned. | | |
| SECTION 3: Compos | sition/infor | mation on ingre | edients *** | |
| 3.2. Mixtures | | | | |
| Chemical characteriz | zation | | | |
| Paint based on water | | | | |
| Hazardous ingredien | its *** | | | |
| - | | | | |
| | | $P_{200} 1(15)$ | | |

| ade name: Marabu | Textil Metallic 782, 50 | | 7 (| | | Mar |
|--------------------|--|--------------------|----------------------|--------|-------|--|
| ubstance number: 1 | 71405782 | Version Replace | es Versio | n: 6/V | VORLD | Date revised: 06.05.202 Print date: 07.05.2 |
| 2,2'-Oxybisetha | anol | | | | | |
| CAS No. | 111-46-6 | | | | | |
| EINECS no. | 203-872-2 | | | | | |
| Registration n | o. 01-2119457 | 857-21 | | | | |
| Concentration | >= | 1 | < | 10 | % | |
| Classification | (Regulation (EC) No. Acute Tox. 4 | | H302 | | | |
| Pyridin-2-thiol- | 1-oxide, sodium sal | t | | | | |
| CAS No. | 3811-73-2 | - | | | | |
| EINECS no. | 223-296-5 | | | | | |
| Concentration | | 0,001 | < | 0,1 | % | |
| Concentration | /- | 5,001 | - | 0,1 | 70 | |
| Classification | (Regulation (EC) No. | 1272/2008) | | | | |
| | Eye Dam. 1 | | H318 | | | |
| | Acute Tox. 4 | 1 | H302 | | | |
| | Acute Tox. 4 | 1 | H332 | | | |
| | Aquatic Acu | | H400 | | | |
| | Aquatic Chr | | H411 | | | |
| Concentration | limits (Regulation (E | | | | | |
| | Aquatic Acu | te 1 H400 | 0 M = | 100 | | |
| Bronopol (INN) | | | | | | |
| CAS No. | 52-51-7 | | | | | |
| EINECS no. | 200-143-0 | | | | | |
| Registration n | o. 01-2119980 | 938-15 | | | | |
| Concentration | >= | 0,01 | < | 0,1 | % | |
| Classification | (Degulation (EC) No. | 4070/0000) | | | | |
| Classification | (Regulation (EC) No. | 1212/2000) | H318 | | | |
| | Eye Dam. 1 Skin Irrit. 2 | | | | | |
| | | | H315 | | | |
| | STOT SE 3 | 4 | H335 | | | |
| | Acute Tox. 4 | | H302 | | | |
| | Acute Tox. 4 | | H312 | | | |
| | Aquatic Acu | | H400 | | | |
| O-market' | Aquatic Chr | | H410 | | | |
| Concentration | limits (Regulation (E Aquatic Acu | te 1 H400 | 0 M = | 10 | | |
| | Aquatic Chr 1 | onic H41 | 0 M = | : 1 | | |
| 1,2-Benzisothia | • • | | | | | |
| CAS No. | 2634-33-5 | | | | | |
| EINECS no. | 220-120-9 | | | | | |
| - · | | | < | 0,05 | % | |
| Concentration | (Regulation (EC) No. | 1272/2008) | | | | |
| | | | H400 | | | |
| | | | | | | |
| | Aquatic Acu | | H317 | | | |
| | Aquatic Acu Skin Sens. | 1 | H317 | | | |
| | Aquatic Acu Skin Sens. Acute Tox. | 1 | H302 | | | |
| | Aquatic Acu Skin Sens. 4 Acute Tox. 4 Skin Irrit. 2 | 1 | H302 H315 | | | |
| | Aquatic Acu Skin Sens. 4 Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 | 1 4 | H302 H315 H318 | | | |
| | Aquatic Acu Skin Sens. 4 Acute Tox. 4 Skin Irrit. 2 | 1 4 2 | H302 H315 | | | |

| de name: Marabu | Textil Metallic 782, 50 |) ml Version: | 7 / | | | |
|-----------------|--|------------------|--------------|--------------------------|---------------|---|
| bstance number: | 171405782 | | | n: 6/WC | RID | Date revised: 06.05.20 Print date: 07.05 |
| | | • | | | | |
| A mixture of t | Skin Sens. | | | 0,05 C no 247 | 500 71 and | |
| | 5-Chloro-2-methyl-2h othiazol-3-one [EC-r 55965-84-9 | o. 220-239-0 | | | | |
| Concentration | | 0,001 | < | 0,0015 | % | |
| Classification | (Regulation (EC) No. | 1272/2008) | | | | |
| | Acute Tox. | 2 | H330 | | | |
| | Aquatic Chr Aquatic Acu | | H410 H400 | | | |
| | Skin Sens. | | H400 H317 | | | |
| | Skin Corr. 1 | | H314 | | | |
| | Acute Tox. | | H310 | | | |
| | Acute Tox. | 3 | H301 | | | |
| Concentration | n limits (Regulation (E | | | | | |
| | Skin Corr. 1 | | | , | | |
| | Eye Irrit. 2 Skin Irrit. 2 | H319 H315 | | 0,06 < 0,6 0,06 < 0,6 | | |
| | Skin Sens. | | | 0,00 < 0,0 0,0015 | | |
| | Aquatic Acu | te 1 H410 |) M = | 100 | | |
| | Aquatic Chr 1 | onic H410 |) M = | 100 | | |
| 2-Methyl-2H-is | othiazol-3-one | | | | | |
| CAS No. | 2682-20-4 | | | | | |
| EINECS no. | 220-239-6 | | | | | |
| Concentration | ٦ | | < | 0,0015 | % | |
| Classification | (Regulation (EC) No. | | | | | |
| | Acute Tox. | | H301 | | | |
| | Acute Tox. Skin Corr. 1 | | H330 | | | |
| | Eye Dam. 1 | | H314 H318 | | | |
| | Aquatic Acu | | H400 | | | |
| | Skin Sens. | | H317 | | | |
| | Aquatic Chr | | H410 | | | |
| | Acute Tox. | 3 | H311 | | | |
| Concentration | n limits (Regulation (E | C) No. 1272/ | 2008) | | | |
| | Skin Sens. | - | | 0,0015 | | |
| | Aquatic Acu | te 1 H400 |) M = | 10 | | |
| | st aid measure | \$ | | | | |
| | | | | | | |
| • | of first aid measu | res | | | | |
| After skin con | | | | te or thinn | are | |
| • | enty of water and soap | ט דטאו טע . | e suiver | ແຮບເພາແກ | 515. | |
| After eye cont | | oroughlywith | water / | 15 min \ Ir | case of imi | itation concult on coulict |
| | • | orouginy with | i water (| 15 mm.). If | Lase of Irri | itation consult an oculist. |
| After ingestion | | If larger em | ounto or | a swallowa | d or in the c | want of symptoms take |
| medical treat | ment. | - | | | | event of symptoms take |
| 2. Most importa | ant symptoms an | d effects, I | both a | cute and | delayed | |

Trade name: Marabu Textil Metallic 782, 50 ml

Substance number: 171405782

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 Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); dense black smoke; Nitrogen oxides (NOx)

5.3. Advice for firefighters

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures No particular measures required.

6.2. Environmental precautions

No particular measures required.

6.3. Methods and material for containment and cleaning up Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. 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. Smoking, eating and drinking shall be prohibited in application area.

Advice on protection against fire and explosion

No special measures required.

Classification of fires / temperature class / Ignition group / Dust explosion class Classification of fires B (Combustible liquid substances)

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in frostfree conditions.

7.3. Specific end use(s)

Paint

SECTION 8: Exposure controls/personal protection ***

8.1. Control parameters

Biological limit values

Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Marabu Textil Metallic 782, 50 ml Version: 7 / Date revised: 06.05.2020 Print date: 07.05.20 Substance number: 171405782 Replaces Version: 6 / WORLD Fluorphlogopite List **TRGS 903** Value 7 mg/g creatinine Parameter Fluorine Testing material Urine (U) End of exposure or end of shift. Test date Fluorphlogopite List **TRGS 903** Value 4 mg/g creatinine Fluorine Parameter Testing material Urine (U) Test date Before next shift. 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 mg/m³ 4,1 Type of value Derived No Effect Level (DNEL) Reference group Worker Duration of exposure Short term Route of exposure inhalative Systemic effects Mode of action mg/m³ Concentration 12,3 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 4,2 mg/m³ Type of value Derived No Effect Level (DNEL) Worker Reference group Duration of exposure Short term Route of exposure inhalative Mode of action Local effects mg/m³ Concentration 4.2 Type of value Derived No Effect Level (DNEL) Reference group Worker Long term Duration of exposure Route of exposure dermal Mode of action Systemic effects Concentration 2,3 mg/kg/d Type of value Derived No Effect Level (DNEL) Reference group Worker Duration of exposure Short term

Trade name: Marabu Textil Metallic 782, 50 ml

Marabu

| Substance number: 171405782 | 82, 50 mi Version: 7 / Replaces Version: 6 / WORLD | Marabu Date revised: 06.05.2020 Print date: 07.05.20 |
|-------------------------------------|--|--|
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 7 | 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 | 13 | µg/cm² |
| Type of value Reference group | Derived No Effect Level (DNEL) Worker | |
| Duration of exposure | Short term | |
| Route of exposure | dermal | |
| Mode of action | Local effects | |
| Concentration | 13 | µg/cm² |
| | | 10 |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term inhalative | |
| Route of exposure Mode of action | Systemic effects | |
| Concentration | 1,2 | mg/m³ |
| Concentration | 1,2 | mg/m |
| 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 | 3,7 | mg/m³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure Mode of action | inhalative Local effects | |
| Concentration | 1,3 | mg/m³ |
| Concentration | 1,0 | ing/in |
| 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 | ···· 2 |
| Concentration | 1,3 | mg/m³ |
| 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 | 1,4 | 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 | |
| | | |

| Trade name: Marabu Textil Metallic 7 | 82, 50 ml | ΔV |
|--------------------------------------|--------------------------------|--------------------------|
| | Version: 7 / | Date revised: 06.05.2020 |
| Substance number: 171405782 | Replaces Version: 6 / WORLD | Print date: 07.05.20 |
| Concentration | 4,2 | 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 | 8 | µg/cm² |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Short term | |
| Route of exposure | dermal | |
| Mode of action | Local effects | |
| Concentration | 8 | µg/cm² |
| 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 | 0,35 | 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 | 1,1 | mg/kg/d |
| 2,2'-Oxybisethanol | | |
| 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 | 60 | mg/m³ |
| 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 | 43 | mg/kg/d |
| 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 | 12 | mg/m³ |
| 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 | |

| rade name: Marabu Textil Metallic | 782, 50 ml | |
|-----------------------------------|--------------------------------------|--------------------------|
| | Version: 7 / | Date revised: 06.05.2020 |
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| Concentration | 21 | mg/kg/d |
| 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 | 44 | mg/m³ |
| 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 | 12 | mg/m³ |
| Predicted No Effect Conce | ntration (PNEC) *** | |
| Bronopol (INN) | (| |
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 0,01 | mg/l |
| Type of value | PNEC | |
| Туре | Saltwater | |
| Concentration | 0,001 | mg/l |
| Type of value | PNEC | |
| Туре | Water (intermittent release) | |
| Concentration | 0,003 | mg/l |
| Type of value | PNEC | |
| Туре | 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 | |
| Туре | Marine sediment | |
| Concentration | 0,003 | mg/kg |
| Type of value | PNEC | |
| Type | Soil | |
| Concentration | 0,5 | mg/kg |
| 2,2'-Oxybisethanol | | |
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 10 | mg/l |
| Type of value | PNEC | |
| Type | Saltwater | |
| Concentration | Saltwaler 1 | mg/l |
| - | DUED | |
| Type of value | PNEC Water (intermittent release) | |
| Туре | | |

Trade name: Marabu Textil Metallic 782, 50 ml

| Trade name: Marabu Textil Metallic 782 | | | | | | Marabu |
|---|---------------------------|------------|-----------|-------|-------------------|--------|
| | Version: | | | | te revised: 06.05 | |
| Substance number: 171405782 | Replaces \ | Version: | 6 / WORLI | 0 | Print date: 07. | 05.20 |
| Concentration | 10 | | | mg/l | | |
| Type of value | PNEC | | | | | |
| Туре | Sewage treatmer | nt plant (| STP) | | | |
| Concentration | 199,5 | | | mg/l | | |
| Type of value | PNEC | | | | | |
| Туре | Freshwater sedim | nent | | | | |
| Concentration | 20,9 | | | mg/kg | | |
| Type of value | PNEC | | | | | |
| Туре | Marine sediment | | | | | |
| Concentration | 2,09 | | | mg/kg | | |
| Type of value | PNEC | | | | | |
| Туре | Soil | | | | | |
| Concentration | 1,53 | | | mg/kg | | |
| 8.2. Exposure controls | | | | | | |
| Exposure controls | | | | | | |
| • | | | | | | |
| Provide adequate ventilation. | | | | | | |
| SECTION 9: Physical and cl | hemical prop | erties | 5 | | | |
| | | | | | | |
| 9.1. Information on basic physi Form | liquid | ai pro | perties | | | |
| Colour | coloured | | | | | |
| Odour | odourless | | | | | |
| Odour threshold | | | | | | |
| Remarks | No data available | • | | | | |
| pH value | | | | | | |
| Value | 7 | to | 9 | | | |
| Temperature | 20 | °C | | | | |
| Method | WTW PH 340 | | | | | |
| Melting point | | | | | | |
| Remarks | not determined | | | | | |
| Freezing point | | | | | | |
| Remarks | not determined | | | | | |
| Initial boiling point and boilin | | | | _ | | |
| Value | appr. 244,9 | L D | | °C | | |
| Pressure Source | 1.013 Literature value | hPa | | | | |
| Flash point | | | | | | |
| Remarks | Not applicable | | | | | |
| Evaporation rate (ether = 1) : | | | | | | |
| Remarks | not determined | | | | | |
| Flammability (solid, gas) | | | | | | |
| Not applicable | | | | | | |
| Upper/lower flammability or e | xplosive limite | | | | | |
| Remarks | not determined | | | | | |
| Vapour pressure | not dotorriniou | | | | | |
| | | | | | | |

| Safety data sheet in | accordance with | regulati | ion (EC) No | o 1907/2 | 006 | | |
|--|--|----------------|--------------------------|------------------|-------|---------------------|--|
| Trade name: Marabu | u Textil Metallic 782 | | \/ | | | | |
| Substance number: | 171405782 | | Version: 7 Replaces V | | 6/WOR | LD | Date revised: 06.05.2020 Print date: 07.05.20 |
| Value Temperature Method | 9 | appr. Value | 23 20 taken from | °C the litera | ature | hPa | |
| Vapour densi Remarks | ty | not de | termined | | | | |
| Density Value Temperature | | | 1,04 20 | °C | | g/cm³ | |
| Method Solubility in v | | DIN EI | N ISO 2811 | - | | | |
| Remarks Ignition temp | | miscib | le | | | | |
| Remarks Viscosity | Si alai G | not de | termined | | | | |
| Value Temperature Method | 9 | Brookf | 16000 20 ield | to °C | 26000 | mPa.s | |
| Efflux time Value Method | | DIN 53 | 200 3211 4 mm | | | S | |
| 9.2. Other inform Other informa None known | ation | | | | | | |
| SECTION 10: S | stability and re | eactiv | <u>vity</u> | | | | |
| 10.1. Reactivity None | | | | | | | |
| 10.2. Chemical s No hazardou | s tability us reactions known. | | | | | | |
| 10.3. Possibility No hazardou | of hazardous reactions known. | eactio | ns | | | | |
| 10.4. Conditions No hazardou | to avoid us reactions known. | | | | | | |
| 10.5. Incompatib | le materials | | | | | | |
| 10.6. Hazardous No hazardou | decomposition us decomposition pr | | | | | | |
| SECTION 11: T | _ | | | | | | |
| 11.1. Information | - | al effe | ects | | | | |
| Acute oral to: ATE Method | > ca | lculated | .000 I value (Reg | gulation | | mg/kg 1272/2008) | 1 |
| | xicity (Componer niazol-3(2h)-one ra | | | | | | |

| rade name: Marabu Textil Metallic | | 7 / | | Mara |
|---|------------------------|---------------|-------------------------|--|
| Substance number: 171405782 | Versio Replac | | 6 / WORLD | Date revised: 06.05.202 Print date: 07.05.2 |
| LD50 | 1193 | | mg/kg | |
| 2,2'-Oxybisethanol | | | | |
| Species LD50 | Rats (male/fema > 1000 | le) | mg/kg | |
| Acute dermal toxicity | | | | |
| Remarks | Based on availal | ole data, the | classification criteri | a are not met. |
| Acute dermal toxicity (Cor | nponents) | | | |
| 1,2-Benzisothiazol-3(2h)-on Species | rat | | | |
| LD50 | 4115 | | mg/kg | |
| Acute inhalational toxicity | | | ala a fili a fili di di | |
| Remarks | Based on availab | bie data, the | classification criteri | a are not met. |
| Skin corrosion/irritation | | | | |
| Remarks | | ble data, the | classification criteri | a are not met. |
| Serious eye damage/irrita | | | | |
| Remarks | Based on availab | ble data, the | classification criteri | a are not met. |
| Sensitization | | | | |
| Remarks | Based on availab | ble data, the | classification criteri | a are not met. |
| Mutagenicity | | | | |
| Remarks | Based on availab | ble data, the | classification criteri | a are not met. |
| Reproductive toxicity | | | | |
| Remarks | Based on availab | ble data, the | classification criteri | a are not met. |
| Carcinogenicity | | | | |
| Remarks | | ble data, the | classification criteri | a are not met. |
| Specific Target Organ Tox | icity (STOT) | | | |
| Single exposure Remarks | Based on availal | ole data, the | classification criteri | a are not met. |
| Repeated exposure Remarks | Based on availal | ole data, the | classification criteri | a are not met. |
| Aspiration hazard | | | | |
| Based on available data, th | e classification crite | ria are not i | net. | |
| Experience in practice | | | | |
| Provided all the recommend risk to health can be expect | • | safety preca | utions are taken, ex | perience shows that no |
| Other information | | | | |
| There are no data available The mixture has been asse 1272/2008 and classified fo | ssed following the a | additivity me | | gulation (EC) No |
| ECTION 12: Ecological | information | | | |
| 2.1. Toxicity | | | | |
| General information | | | | |
| There are no data available mixture has been assessed | following the summ | nation meth | | |
| | gerous for the envir | onmont | | |

Fish toxicity (Components)

Bronopol (INN)

| ade name: Marabu Textil Metalli | c 782, 50 ml Versio | n: 7/ | | Mara Date revised: 06.05.202 |
|--|--------------------------|-----------------|----------------|---------------------------------|
| ubstance number: 171405782 | | ces Version: | 6 / WORLD | Print date: 07.05.2 |
| Species | rainbow trout (O | ncorhynchus | • • | |
| LC50 | 3 96 | h | mg/l | |
| Duration of exposure Method | 96 OECD 203 | h | | |
| Bronopol (INN) | 0200200 | | | |
| Species | rainbow trout (O | ncorhynchus | mykiss) | |
| NOEC | 2,61 | , | mg/l | |
| Duration of exposure | 28 | d | | |
| Method | OECD 203 | | | _ |
| A mixture of: 5-Chloro-2-m 2-Methyl-2H-isothiazol-3-on Species | | -6] (3:1) / C(I | M)IT/MIT (3:1) | 3 |
| LC50 | 0,188 | ,, | mg/l | |
| Duration of exposure | 96 | h | - | |
| 1,2-Benzisothiazol-3(2h)-oi | | | | |
| Species | rainbow trout (O | ncorhynchus | • • | |
| LC50 | 2,18 | h | mg/l | |
| Duration of exposure | 96 | h | | |
| Daphnia toxicity (Compo | nents) | | | |
| Bronopol (INN) | | | | |
| Species | Daphnia magna | | | |
| EC50 Duration of exposure | 1,04 48 | h | mg/l | |
| Method | 0ECD 202 | | | |
| Bronopol (INN) | 0200202 | | | |
| Species | Daphnia magna | | | |
| NOEC | 0,06 | | mg/l | |
| Duration of exposure | 21 | d | | |
| Method | OECD 211 | | | _ |
| A mixture of: 5-Chloro-2-m 2-Methyl-2H-isothiazol-3-on Species | | | | 3 |
| EC50 | 0,126 | | mg/l | |
| Duration of exposure | 48 | h | Ū | |
| 1,2-Benzisothiazol-3(2h)-oi | ne | | | |
| Species | Daphnia magna | | | |
| EC50 | 2,94 | L | mg/l | |
| Duration of exposure | 48 | h | | |
| Algae toxicity (Componer | nts) | | | |
| Bronopol (INN) | | | | |
| Species | Pseudokirchneri | ella subcapita | | |
| EC50 Duration of exposure | 0,068 72 | h | mg/l | |
| Method | OECD 201 | | | |
| Bronopol (INN) | 0200201 | | | |
| Species | Pseudokirchneri | ella subcapita | ata | |
| NOEC | 0,0025 | | mg/l | |
| Duration of exposure | 72 | h | - | |
| Method | OECD 201 | | | |
| A mixture of: 5-Chloro-2-m | | | | d |
| | ng IF(`_ng 220_230 | -61 (3·1) / C/ | VDIT/MIT (3·1) | |
| 2-Methyl-2H-isothiazol-3-or | | | (0) | |
| 2-Metnyi-2H-isotniazoi-3-oi Species EC50 | Selenastrum cap 0,027 | | mg/l | |

| Safety data sheet in accordance with re | egulation (EC) No 1907/2 | 006 | |
|--|---|------------------|--------------------------|
| Trade name: Marabu Textil Metallic 782, | 50 ml | | \mathbf{N} |
| | Version: 7 / | | Date revised: 06.05.2020 |
| Substance number: 171405782 | Replaces Version: | 6 / WORLD | Print date: 07.05.20 |
| 1,2-Benzisothiazol-3(2h)-one Species Pse ErC50 Duration of exposure | eudokirchneriella subcapita 0,11 72 h | ata mg/l | |
| 12.2. Persistence and degradabi | lity | | |
| General information There are no data available on th | - | | |
| 12.3. Bioaccumulative potential General information There are no data available on the | e mixture itself. | | |
| 12.4. Mobility in soil General information There are no data available on th | e mixture itself. | | |
| 12.5. Results of PBT and vPvB a | ssessment | | |
| General information There are no data available on th | e mixture itself. | | |
| 12.6. Other adverse effects | | | |
| General information There are no data available on th | e mixture itself. | | |
| SECTION 13: Disposal consi | derations | | |
| 13.1. Waste treatment methods | | | |
| Disposal recommendations for | the product | | |
| Do not allow to enter drains or wa Dispose of waste according to ap Dispose of as hazardous waste. | | | |
| Disposal recommendations for | [.] packaging | | |
| Packaging that cannot be cleane Completely emptied packagings | | s product waste. | |
| SECTION 14: Transport infor | mation | | |

Trade name: Marabu Textil Metallic 782, 50 ml



Date revised: 06.05.2020 Print date: 07.05.20

Substance number: 171405782

| | 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 | | |
| 14.5. Environmental hazards | | no | |
| | - | | - |

Version: 7 /

Replaces Version: 6 / WORLD

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. Transport in bulk according to Annex II of Marpol and the IBC Code

no

SECTION 15: Regulatory information ***

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

Other information ***

The product does not contain substances of very high concern (SVHC).

Other information

All components are contained in the TSCA inventory or exempted. All components are contained in the DSL or NDSL inventory.

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. |
| H310 | Fatal in contact with skin. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful in contact with skin. |

| Safety data sheet in accordance with regulation (EC) No 1907/2006 | | |
|---|--|--|
| Trade name: Marabu Textil Metallic | Marabu | |
| | Version: 7 / Date revised: 06.05.2020 | |
| Substance number: 171405782 | Replaces Version:6 / WORLDPrint date: 07.05.20 | |
| H314 | Causes severe skin burns and eye damage. | |
| H315 | Causes skin irritation. | |
| H317 | May cause an allergic skin reaction. | |
| H318 | Causes serious eye damage. | |
| H330 | Fatal if inhaled. | |
| H332 | Harmful if inhaled. | |
| H335 | May cause respiratory irritation. | |
| 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 | |
| Skin Corr. 1B | Skin corrosion, Category 1B | |
| Skin Corr. 1C | Skin corrosion, Category 1C | |
| Skin Irrit. 2 | Skin irritation, Category 2 | |
| Skin Sens. 1 | Skin sensitization, Category 1 | |
| Skin Sens. 1A | Skin sensitization, Category 1A | |
| 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.