

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758



## BORI stain

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 20.01.2023  |
| 1.6     | 01.03.2023     | MAT0GA00_010 | Date of first issue: 20.08.2020 |
|         |                | GB/EN        |                                 |

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

### 1.1 Product identifier

Trade name : BORI stain

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

Use of the Sub-  
stance/Mixture : Building and construction work  
Professional and consumer use of coatings, Roller application  
or brushing, Non industrial spraying  
Coatings and paints, thinners, paint removers

### 1.3 Details of the supplier of the safety data sheet

Company : Helios TBLUS d.o.o.  
Količevo 65  
1230 Domžale  
Slovenia

Telephone Company : 386 (1) 722 4383

Telefax Company : 386 (1) 722 4310

Responsible/issuing person : 386 (1) 722 4383  
productsafety@helios.si

### 1.4 Emergency telephone number

Call 999 (or 112) for emergency medical attention

professionals only: National Poison Information Service (NPIS) 24h national number 0844 892  
0111

consumer: National Health Service (NHS) 24h national number, England & Scotland 111

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK  
SI 2019/720, and UK SI 2020/1567)**

Not a hazardous substance or mixture.

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### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Waterborne paint

#### Components

| Chemical name                | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number          | Classification   | Concentration<br>(% w/w) |
|------------------------------|--|--|--------------------------|
| 2-methyl-2H-isothiazol-3-one | 2682-20-4<br><br>220-239-6<br>613-326-00-9<br>01-2120764690-50 | Acute Tox. 3; H301<br>Acute Tox. 2; H330<br>Acute Tox. 3; H311<br>Skin Corr. 1B;<br>H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A;<br>H317<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute<br>aquatic toxicity):<br>1010<br>M-Factor (Chronic<br>aquatic toxicity): 11<br><br>specific concentra-<br>tion limit<br>Skin Sens. 1A;<br>H317 | >= 0,0002 - <<br>0,0015  |

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|   |  |   |                         |
|---|--|---|-------------------------|
|   |  | >= 0,0015 %   |                         |
| mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9<br><br>613-167-00-5<br>01-2120764691-48 | Acute Tox. 3; H301<br>Acute Tox. 2; H330<br>Acute Tox. 2; H310<br>Skin Corr. 1C;<br>H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A;<br>H317<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute<br>aquatic toxicity):<br>100100<br>M-Factor (Chronic<br>aquatic toxicity):<br>100100<br><br>specific concentra-<br>tion limit<br>Skin Corr. 1C;<br>H314<br>>= 0,6 %<br>Skin Irrit. 2; H315<br>0,06 - < 0,6 %<br>Eye Irrit. 2; H319<br>0,06 - < 0,6 %<br>Skin Sens. 1A;<br>H317<br>>= 0,0015 %<br>Eye Dam. 1; H318<br>>= 0,6 % | >= 0,0002 - <<br>0,0015 |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water.  
Remove contaminated clothing and shoes.

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|                        |   |   |
|------------------------|---|---|
| In case of eye contact | : | Remove contact lenses.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist.  |
| If swallowed           | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician. |

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

|          |   |                                |
|----------|---|--------------------------------|
| Symptoms | : | No symptoms known or expected. |
|----------|---|--------------------------------|

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

|           |   |                        |
|-----------|---|------------------------|
| Treatment | : | Treat symptomatically. |
|-----------|---|------------------------|

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

|                              |   |   |
|------------------------------|---|---|
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
|------------------------------|---|---|

### 5.2 Special hazards arising from the substance or mixture

|                               |   |  |
|-------------------------------|---|--|
| Hazardous combustion products | : | No hazardous combustion products are known |
|-------------------------------|---|--|

### 5.3 Advice for firefighters

|   |   |   |
|---|---|---|
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary.  |
| Further information                           | : | Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

|                      |   |   |
|----------------------|---|---|
| Personal precautions | : | Avoid contact with skin and eyes.<br>Do not flush into surface water or sanitary sewer system.<br>Prevent further leakage or spillage if safe to do so. |
|----------------------|---|---|

### 6.2 Environmental precautions

|                           |   |   |
|---------------------------|---|---|
| Environmental precautions | : | If the product contaminates rivers and lakes or drains inform |
|---------------------------|---|---|

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respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : General industrial hygiene practice.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : For further information, refer to the product technical data sheet.

Consult the technical guidelines for the use of this substance/mixture.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Derived No Effect Level (DNEL):

| Substance name            | End Use   | Exposure routes | Potential health effects   | Value                |
|---------------------------|-----------|-----------------|----------------------------|----------------------|
| 2-(2-ethoxyethoxy)ethanol | Workers   | Inhalation      | Long-term systemic effects | 61 mg/m <sup>3</sup> |
|                           | Workers   | Inhalation      | Long-term local effects    | 30 mg/m <sup>3</sup> |
|                           | Consumers | Inhalation      | Long-term systemic         | 37 mg/m <sup>3</sup> |

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|   |           |            | effects                    |                   |
|---|-----------|------------|----------------------------|-------------------|
|   | Consumers | Inhalation | Long-term local effects    | 18 mg/m3          |
|   | Workers   | Dermal     | Long-term systemic effects | 83 mg/kg bw/day   |
|   | Consumers | Dermal     | Long-term systemic effects | 25 mg/kg bw/day   |
|   | Consumers | Oral       | Long-term systemic effects | 50 mg/kg bw/day   |
| reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3- one (3:1) | Consumers | Inhalation | Acute local effects        | 0,04 mg/m3        |
|   | Workers   | Inhalation | Long-term local effects    | 0,02 mg/m3        |
|   | Workers   | Inhalation | Acute local effects        | 0,04 mg/m3        |
|   | Consumers | Inhalation | Long-term local effects    | 0,02 mg/m3        |
|   | Consumers | Oral       | Long-term systemic effects | 0,09 mg/kg bw/day |
|   | Consumers | Oral       | Acute systemic effects     | 0,11 mg/kg bw/day |

### Predicted No Effect Concentration (PNEC):

| Substance name  | Environmental Compartment | Value                         |
|---|---------------------------|-------------------------------|
| 2-(2-ethoxyethoxy)ethanol   | Soil                      | 0,34 mg/kg dry weight (d.w.)  |
|   | Marine water              | 0,198 mg/l                    |
|   | Fresh water               | 1,98 mg/l                     |
|   | Marine sediment           | 0,732 mg/kg dry weight (d.w.) |
|   | Fresh water sediment      | 7,32 mg/kg dry weight (d.w.)  |
|   | Sewage treatment plant    | 500 mg/l                      |
|   | Intermittent use/release  | 19,8 mg/l                     |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) | Soil                      | 0,01 mg/kg dry weight (d.w.)  |
|   | Marine water              | 0,00339 mg/l                  |
|   | Fresh water               | 0,00339 mg/l                  |
|   | Marine sediment           | 0,027 mg/kg dry weight (d.w.) |
|   | Fresh water sediment      | 0,027 mg/kg dry weight (d.w.) |
|   | Sewage treatment plant    | 0,23 mg/l                     |
|   | Intermittent use/release  | 0,00339 mg/l                  |

## 8.2 Exposure controls

### Personal protective equipment

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|                          |   |  |
|--------------------------|---|--|
| Eye/face protection      | : | Equipment should conform to EN 166   |
| Hand protection          | : |  |
| Gloves                   | : | Nitrile rubber (> 0,1 mm; < 60 min); DIN EN374  <br>butyl-rubber (> 0,6 mm; < 240 min); DIN EN374  <br>Viton® (> 0,6 mm; < 240 min); DIN EN374  <br>PE laminate (> 0,1 mm; < 240 min); DIN EN374   |
| Remarks                  | : | Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. |
| Skin and body protection | : | Protective suit  |
| Respiratory protection   | : | No personal respiratory protective equipment normally required.  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |  |
|--|---|--|
| Appearance                             | : | liquid   |
| Colour                                 | : | in accordance with the product description                                   |
| Odour                                  | : | characteristic   |
| Odour Threshold                        | : | No data available  |
| pH                                     | : | 8 - 8,5<br>Concentration: 100 %  |
| Melting point/freezing point           | : | 0,0 °C<br>(calculation method (principal components, lowest value))          |
| Boiling point/boiling range            | : | 100 °C (calculation method (principal components, lowest value))             |
| Flash point                            | : | Not applicable   |
| Flammability (solid, gas)              | : | Not applicable   |
| Vapour pressure                        | : | 23 hPa (calculation method (principal components, highest value))<br>(20 °C) |
| Density                                | : | 1,01 - 1,05 g/cm <sup>3</sup> (23 °C)<br>Method: ISO 2811                    |
| Solubility(ies)                        | : |  |
| Water solubility                       | : | completely miscible  |
| Solubility in other solvents           | : | No data available  |
| Partition coefficient: n-octanol/water | : | No data available  |
| Viscosity                              | : |  |

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|                      |   |                                   |
|----------------------|---|-----------------------------------|
| Viscosity, kinematic | : | > 20,5 mm <sup>2</sup> /s (40 °C) |
| Flow time            | : | 50 s at 23 °C                     |
|                      |   | Cross section: 5 mm               |
|                      |   | Method: ISO 2431                  |

### 9.2 Other information

|                   |                          |
|-------------------|--------------------------|
| No data available |                          |
| VOC               | : (Directive 2004/42/EC) |
|                   | 80 g/l                   |

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

|                     |   |  |
|---------------------|---|--|
| Hazardous reactions | : | Stable under recommended storage conditions. |
|                     |   | No hazards to be specially mentioned.        |

### 10.4 Conditions to avoid

|                     |   |                   |
|---------------------|---|-------------------|
| Conditions to avoid | : | No data available |
|---------------------|---|-------------------|

### 10.5 Incompatible materials

|                    |   |                |
|--------------------|---|----------------|
| Materials to avoid | : | Not applicable |
|--------------------|---|----------------|

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Product:

|                           |   |                                    |
|---------------------------|---|------------------------------------|
| Acute inhalation toxicity | : | Acute toxicity estimate: > 20 mg/l |
|                           |   | Exposure time: 4 h                 |
|                           |   | Test atmosphere: vapour            |
|                           |   | Method: Calculation method         |

#### Components:

**2-methylisothiazol-3(2H)-one:**



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Acute oral toxicity : Assessment: The component/mixture is toxic after single ingestion.

Acute inhalation toxicity : Test atmosphere: vapour  
Assessment: The component/mixture is highly toxic after short term inhalation.

Acute dermal toxicity : Assessment: The component/mixture is toxic after single contact with skin.

### Skin corrosion/irritation

Not classified based on available information.

### Components:

#### 2-methylisothiazol-3(2H)-one:

Result : Corrosive after 3 minutes to 1 hour of exposure

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified based on available information.

### Components:

#### 2-methylisothiazol-3(2H)-one:

Result : Probability or evidence of skin sensitisation in humans

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

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### Further information

#### Product:

Remarks : No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **2-methylisothiazol-3(2H)-one:**

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

#### **reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

Toxicity to fish : LC50 (Salvelinus namaycush (lake trout)):  $\geq 10,85$  mg/l  
Exposure time: 96 h

Toxicity to algae/aquatic plants : LC50 (algae):  $\geq 0,82$  mg/l  
Exposure time: 48 h

LC50 (algae): 0,018 mg/l  
Exposure time: 72 h

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

### 12.2 Persistence and degradability

#### Components:

##### **2-methylisothiazol-3(2H)-one:**

Biodegradability : Result: Biodegradable

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

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### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

#### Product:

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Do not release the product to the aquatic environment

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste Code : 08 00 00, WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS  
08 01 00, wastes from MFSU and removal of paint and varnish  
15 00 00, WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED  
15 01 00, packaging (including separately collected municipal packaging waste)  
080112, waste paint and varnish other than those mentioned in 08 01 11  
150104, metallic packaging

## SECTION 14: Transport information

### 14.1 UN number

ADN : Not regulated as a dangerous good

ADR : Not regulated as a dangerous good

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|      |   |                                   |
|------|---|-----------------------------------|
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

### 14.2 UN proper shipping name

|      |   |                                   |
|------|---|-----------------------------------|
| ADN  | : | Not regulated as a dangerous good |
| ADR  | : | Not regulated as a dangerous good |
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

### 14.3 Transport hazard class(es)

|      |   |                                   |
|------|---|-----------------------------------|
| ADN  | : | Not regulated as a dangerous good |
| ADR  | : | Not regulated as a dangerous good |
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

### 14.4 Packing group

|                  |   |                                   |
|------------------|---|-----------------------------------|
| ADN              | : | Not regulated as a dangerous good |
| ADR              | : | Not regulated as a dangerous good |
| RID              | : | Not regulated as a dangerous good |
| IMDG             | : | Not regulated as a dangerous good |
| IATA (Cargo)     | : | Not regulated as a dangerous good |
| IATA (Passenger) | : | Not regulated as a dangerous good |

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

|   |   |  |
|---|---|--|
| UK REACH List of restrictions (Annex 17)            | : | Not applicable                         |
| REACH - Restrictions on the manufacture, placing on | : | Conditions of restriction for the fol- |

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the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

lowing entries should be considered:  
Number on list 75  
If you intend to use this product as tattoo ink, please contact your vendor.

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation : Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Control of Major Accident Hazards Regulations 2015 (COMAH) Not applicable

Volatile organic compounds : Directive 2004/42/EC  
Volatile organic compounds (VOC) content: 80 g/l

### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

## SECTION 16: Other information

### Full text of H-Statements

|      |   |
|------|---|
| H301 | : Toxic if swallowed.                                   |
| H310 | : Fatal in contact with skin.                           |
| H311 | : Toxic in contact with skin.                           |
| H314 | : Causes severe skin burns and eye damage.              |
| H317 | : May cause an allergic skin reaction.                  |
| H318 | : Causes serious eye damage.                            |
| H330 | : Fatal if inhaled.                                     |
| H400 | : Very toxic to aquatic life.                           |
| H410 | : Very toxic to aquatic life with long lasting effects. |

### Full text of other abbreviations

|                 |                                      |
|-----------------|--------------------------------------|
| Acute Tox.      | : Acute toxicity                     |
| Aquatic Acute   | : Short-term (acute) aquatic hazard  |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Eye Dam.        | : Serious eye damage                 |
| Skin Corr.      | : Skin corrosion                     |
| Skin Sens.      | : Skin sensitisation                 |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758



## BORI stain

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 20.01.2023  |
| 1.6     | 01.03.2023     | MAT0GA00_010 | Date of first issue: 20.08.2020 |
|         |                | GB/EN        |                                 |

Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### Further information

470460; 470477; 470478; 470479; 470480; 470481; 470482;  
470483; 470484; 470485; 470486; 470487; 470488

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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