

Page 1 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             |          |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

| 1.1. | Product identifier                               |                                                                                                                                                                                                                          |                                       |  |
|------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--|
|      | Substance name:                                  | BRILLIANT CRESYL BLUE, C.I. 51010                                                                                                                                                                                        |                                       |  |
|      | EC No:                                           | 279-675-0                                                                                                                                                                                                                |                                       |  |
|      | Synonyms:                                        | Brilliant Blue C  BCB-P-X**                                                                                                                                                                                              |                                       |  |
|      | Catalogue number:                                |                                                                                                                                                                                                                          |                                       |  |
|      | REACH registration number:                       |                                                                                                                                                                                                                          |                                       |  |
|      | CAS No:                                          | 81029-05-2                                                                                                                                                                                                               |                                       |  |
|      | Index no.:                                       | _                                                                                                                                                                                                                        |                                       |  |
| 1.2. | Relevant identified uses of the                  | substance or                                                                                                                                                                                                             | mixture and uses advised against      |  |
|      | Uses:                                            |                                                                                                                                                                                                                          | For use in hematology and histology.  |  |
|      | Uses advised against:                            |                                                                                                                                                                                                                          | Only the identified uses are advised. |  |
|      | Reason why uses advised aga                      | The product is intended for use only as an <i>in vitro</i> diagnostic medical device listed in the Registry of r devices at the Agency for Medicinal Products and N Devices and there is no reason to use it for other p |                                       |  |
| 1.3. | Details of the supplier of the safety data sheet |                                                                                                                                                                                                                          |                                       |  |
|      | Supplier:                                        | BioGnost                                                                                                                                                                                                                 | Ltd.                                  |  |
|      | Address:                                         | Medjugor                                                                                                                                                                                                                 | ska 59, Zagreb                        |  |
|      | Telephone number:                                | +385 1 24                                                                                                                                                                                                                | 109997                                |  |
|      | Fax no.:                                         | +385 1 24                                                                                                                                                                                                                | 104039                                |  |
|      | e-mail of competent person:                      | msds@bio                                                                                                                                                                                                                 | ognost.hr                             |  |
|      | National contact person:                         | -                                                                                                                                                                                                                        |                                       |  |
| 1.4. | Emergency telephone numbe                        | r                                                                                                                                                                                                                        |                                       |  |
|      | National Protection and Rescu<br>Directorate:    | ıe                                                                                                                                                                                                                       | 112                                   |  |
|      | Medical information:                             |                                                                                                                                                                                                                          | +385 1 2348 342                       |  |
|      | Other information:                               |                                                                                                                                                                                                                          | -                                     |  |

| SECTIO | ECTION 2. Hazards identification               |                                            |  |  |  |
|--------|------------------------------------------------|--------------------------------------------|--|--|--|
| 2.1.   | Classification of the substance or mixture     | Classification of the substance or mixture |  |  |  |
| 2.1.1. | Classification according to Regulation (EC) No | 1272/2008 (CLP)                            |  |  |  |
|        | Hazard class and category code:                | Hazard statements*:                        |  |  |  |
|        | Skin Irrit. 2                                  | H315                                       |  |  |  |
|        | Eye Irrit. 2                                   | H319                                       |  |  |  |
|        | STOT SE 3                                      | H335                                       |  |  |  |
| 2.1.2. | Additional information                         |                                            |  |  |  |



#### BIOGNOST According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878 **SAFETY DATA SHEET**

Page 2 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             |          |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

|         | -                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                              |  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| *For fu | ull text of Hazard- and EU Hazard-                                                                                                                                                                 | statements: see Section 16                                                                                                                                                                                                                                                                                                                                   |  |
| 2.2.    | Label elements                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                              |  |
|         | Product identification:                                                                                                                                                                            | BRILLIANT CRESYL BLUE, C.I. 51010                                                                                                                                                                                                                                                                                                                            |  |
|         | Identification number:                                                                                                                                                                             | -                                                                                                                                                                                                                                                                                                                                                            |  |
|         | Authorisation number:                                                                                                                                                                              | -                                                                                                                                                                                                                                                                                                                                                            |  |
|         | Hazard pictograms:                                                                                                                                                                                 | GHS07                                                                                                                                                                                                                                                                                                                                                        |  |
|         | Signal word:                                                                                                                                                                                       | Warning                                                                                                                                                                                                                                                                                                                                                      |  |
|         | Hazard statements:                                                                                                                                                                                 | <ul><li>H315 Causes skin irritation.</li><li>H319 Causes serious eye irritation.</li><li>H335 May cause respiratory irritation.</li></ul>                                                                                                                                                                                                                    |  |
|         | Precautionary statements:                                                                                                                                                                          | P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water and soap. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/attention. |  |
|         | Further information:                                                                                                                                                                               | -                                                                                                                                                                                                                                                                                                                                                            |  |
| 2.3.    | Other hazards                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                              |  |
|         | Endocrine Disrupting Properties:  No known endocrine disrupting properties  Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. |                                                                                                                                                                                                                                                                                                                                                              |  |

| SECTION 3. Com | SECTION 3. Composition/information on ingredients |           |                                                                                       |                                |  |  |
|----------------|---------------------------------------------------|-----------|---------------------------------------------------------------------------------------|--------------------------------|--|--|
| CAS No         | EC No:                                            | Index no. | Identification name                                                                   | Weight % content<br>(or range) |  |  |
| 81029-05-2     | 279-675-0                                         | -         | 1,3-diamino-7-(diethylamino)-4-<br>methylphenoxazin-5-ium<br>tetrachlorozincate (2:1) | ≤ 100 %                        |  |  |

4.1. Description of first aid measures



Page 3 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             |          |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

|      | General notes:                                              | -                                                                                                                                                                                                                                                 |  |
|------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|      | Following inhalation:                                       | Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to-mouth) and contact a physician. |  |
|      | Following skin contact:                                     | Remove contaminated clothing. Immediately begin rinsing with copious amounts of water for at least 15 min. Seek medical assistance if the symptoms of irritation remain.                                                                          |  |
|      | Following eye contact:                                      | Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.                                                                                                          |  |
|      | Following ingestion:                                        | DO NOT induce vomiting. If the afflicted person is unconscious, do not provide them with anything orally. Drink at most two glasses of water. Seek medical assistance.                                                                            |  |
|      | Self-protection of the first aider                          | -                                                                                                                                                                                                                                                 |  |
| 4.2. | Most important symptoms and effects, both acute and delayed |                                                                                                                                                                                                                                                   |  |
|      | Following inhalation:                                       | Harmful if inhaled.                                                                                                                                                                                                                               |  |
|      | After skin contact:                                         | Harmful in contact with skin.                                                                                                                                                                                                                     |  |
|      | Following eye contact:                                      | Risk of serious damage to eyes.                                                                                                                                                                                                                   |  |
|      | Following ingestion:                                        | Harmful if swallowed.                                                                                                                                                                                                                             |  |
| 4.3. | Indication of any immediate mor                             | dical attention and special treatment needed                                                                                                                                                                                                      |  |

| SECTIO | ECTION 5. Firefighting measures                                                                                  |  |  |  |  |
|--------|------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| 5.1.   | Extinguishing media                                                                                              |  |  |  |  |
|        | Suitable extinguishing media: Water, foam, dry powder, CO <sub>2</sub>                                           |  |  |  |  |
|        | Unsuitable extinguishing media: -                                                                                |  |  |  |  |
| 5.2.   | Special hazards arising from the substance or mixture                                                            |  |  |  |  |
|        | Hazardous combustion products: no information available                                                          |  |  |  |  |
| 5.3.   | Advice for firefighters                                                                                          |  |  |  |  |
|        | Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing.                     |  |  |  |  |
|        | Cool closed containers exposed to fire with water spray or vapor.                                                |  |  |  |  |
| 5.4.   | Additional information                                                                                           |  |  |  |  |
|        | Make sure the water used for extinguishing fire does not contaminate water surface or underground waters system. |  |  |  |  |

|   | SECTION 6. Accidental release measures                                   |                             |  |
|---|--------------------------------------------------------------------------|-----------------------------|--|
|   | 6.1. Personal precautions, protective equipment and emergency procedures |                             |  |
| ( | 6.1.1.                                                                   | For non-emergency personnel |  |



Page 4 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             |          |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

|        | Protective equipment:                                      |                                                                                                                                                                                                                                                                                                                                          | Use personal protective equipment (see Section 8).                                                                                                                                              |  |
|--------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|        | Accident prevention methods:                               |                                                                                                                                                                                                                                                                                                                                          | Avoid breathing in dust. Avoid touching the substance. Secure proper ventilation.                                                                                                               |  |
|        | Emergency procedure                                        | s:                                                                                                                                                                                                                                                                                                                                       | Leave the hazardous area, take notice of the emergency procedures.                                                                                                                              |  |
| 6.1.2. | For emergency respor                                       | nders:                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                 |  |
|        | -                                                          |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                 |  |
| 6.2.   | Environmental precau                                       | tions:                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                 |  |
|        | Do not allow the prod                                      | uct enter dr                                                                                                                                                                                                                                                                                                                             | ainage.                                                                                                                                                                                         |  |
| 6.3.   | Methods and material for preventing spreading and cleaning |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                 |  |
| 6.3.1. | For creating barriers, covering and sealing:               | of the pos                                                                                                                                                                                                                                                                                                                               | Cover the drains. Collect, bind and pump out all the spilled material. Take notice of the possible material restriction (see Sections 7 and 10). Collect in dry form. Avoid generation of dust. |  |
| 6.3.2. | Cleaning up:                                               | Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water. |                                                                                                                                                                                                 |  |
| 6.3.3. | Other information:                                         | -                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                 |  |
| 6.4.   | Reference to other sec                                     | ctions                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                 |  |
|        | Indications about was                                      | te treatment                                                                                                                                                                                                                                                                                                                             | , see Section 13.                                                                                                                                                                               |  |

| SECTIO | DN 7. Handling and storage                     |                                                                                                                                  |                                                                                                         |
|--------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 7.1.   | Precautions for safe handling                  |                                                                                                                                  |                                                                                                         |
| 7.1.1. | Protection measures                            |                                                                                                                                  |                                                                                                         |
|        | Measures to prevent fire:                      |                                                                                                                                  | Keep away from sources of ignition and heat. Do not use sparkling tools.                                |
|        | Measures to prevent aerosol and dust genera    | ation:                                                                                                                           | Secure proper ventilation.                                                                              |
|        | Environmental precautions:                     |                                                                                                                                  | Prevent spilling into the sewage system and waterways.                                                  |
|        | Other measures:                                |                                                                                                                                  | -                                                                                                       |
| 7.1.2. | Advice on general occupational hygiene:        |                                                                                                                                  |                                                                                                         |
|        | Do not eat, drink or smoke in the workspace.   | Thorou                                                                                                                           | ughly wash hands after work and before eating.                                                          |
| 7.2.   | Conditions for safe storage, including any inc | compati                                                                                                                          | bilities                                                                                                |
|        | Technical measures and storage conditions:     | Minimize dust formation. Avoid breathing in dust. Avoid contact with skin, eyes, and clothes. Keep in tightly closed containers. |                                                                                                         |
|        | Containers materials:                          | Manufacturer's original packaging.                                                                                               |                                                                                                         |
|        | Requirements for storage rooms and vessels:    | •                                                                                                                                | n a tightly closed container. Keep in cool, dry and well ted space away from non-compatible substances. |



Page 5 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             |          |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

|      | Advices for storage equipment:             | The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation. |
|------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | Further information on storage conditions: | No information available.                                                                                                                                                   |
| 7.3. | Specific end use(s)                        |                                                                                                                                                                             |
|      | Recommendations:                           | -                                                                                                                                                                           |
|      | Industrial sector specific solutions:      | -                                                                                                                                                                           |

| SECTION 8. Exposure controls/personal protection |       |                |               |             |                                                            |                          |                         |                 |
|--------------------------------------------------|-------|----------------|---------------|-------------|------------------------------------------------------------|--------------------------|-------------------------|-----------------|
|                                                  |       | parameters     | , persona.    | production. | <del></del>                                                |                          |                         |                 |
| Substance CAS                                    |       | CAS N          |               |             | Occupational exposure<br>limit values/short term<br>values |                          | Biological limit values |                 |
|                                                  |       |                |               |             | ppm                                                        | mg/m³                    |                         |                 |
| -                                                |       |                | -             |             | -                                                          | -                        |                         | -               |
| Does not cor                                     | ntain | substances re  | gulated by    | the profe   | essional exposi                                            | ure limit values         | 5.                      |                 |
| Substance name:                                  | _     |                |               |             |                                                            |                          |                         |                 |
| EC No:                                           | _     |                | CAS No:       | -           |                                                            |                          |                         |                 |
| DNEL                                             |       |                |               | ,           |                                                            |                          |                         |                 |
|                                                  |       |                |               |             | Industrial                                                 |                          |                         |                 |
| Route of                                         |       | Acu            | te            |             | Acute                                                      | Chron                    | nic                     | Chronic         |
| exposure:                                        |       | effect         | local         | effec       | ct systemic                                                | effect lo                | ocal                    | effect systemic |
| Oral                                             |       | -              |               | -           |                                                            | -                        |                         | -               |
| Inhalation                                       |       | -              |               | -           |                                                            | -                        |                         | -               |
| Dermal                                           |       | -              |               | -           |                                                            | _                        |                         | -               |
| Critical physi                                   | cal p | arameters: sol | ubility, flam | mability,   | corrosivity:                                               |                          |                         |                 |
|                                                  |       |                |               |             | Consumer                                                   | 1                        |                         |                 |
| Route of                                         |       | Acu            |               |             | Acute                                                      | Chron                    | nic                     | Chronic         |
| exposure:                                        |       | effect         | local         | effec       | ct systemic                                                | effect lo                | ocal                    | effect systemic |
| Oral                                             |       | -              |               | -           |                                                            | -                        |                         | -               |
| Inhalation                                       |       | -              |               | -           |                                                            | -                        |                         | -               |
| Dermal                                           |       | -              |               | -           |                                                            | -                        |                         |                 |
| PNEC                                             |       |                |               |             |                                                            |                          |                         |                 |
| Environmental protection target                  |       |                | PNEC          |             |                                                            |                          |                         |                 |
| Fresh water                                      |       |                |               |             | No informa                                                 | No information available |                         |                 |
| Freshwater se                                    | edim  | ents           |               |             | No informa                                                 | tion available           |                         |                 |



Page 6 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             | _        |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

| Marine water |                                                                 |                                                                                                                                                                                                                                                                                                                                           | No information available                                                                                                      |  |  |
|--------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--|--|
| Marine s     | ediments                                                        | Noi                                                                                                                                                                                                                                                                                                                                       | No information available                                                                                                      |  |  |
| Food cha     | ain                                                             | Noi                                                                                                                                                                                                                                                                                                                                       | nformation available                                                                                                          |  |  |
| Microorg     | ganisms in sewage treatment                                     | No i                                                                                                                                                                                                                                                                                                                                      | nformation available                                                                                                          |  |  |
| Soil (agri   | cultural)                                                       | No i                                                                                                                                                                                                                                                                                                                                      | nformation available                                                                                                          |  |  |
| Air          |                                                                 | No i                                                                                                                                                                                                                                                                                                                                      | nformation available                                                                                                          |  |  |
|              | :                                                               |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                               |  |  |
| 8.2.         | Exposure controls                                               |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                               |  |  |
| 8.2.1.       | Appropriate engineering contro                                  | ls                                                                                                                                                                                                                                                                                                                                        |                                                                                                                               |  |  |
|              | Substance/mixture related meas exposure during identified uses: | •                                                                                                                                                                                                                                                                                                                                         | Use personal protective equipment. Do not eat, drink or smoke in the workspace.                                               |  |  |
|              | Structural measures to prevent e                                | exposure:                                                                                                                                                                                                                                                                                                                                 | No information available                                                                                                      |  |  |
|              | Organisational measures to prevent expos                        |                                                                                                                                                                                                                                                                                                                                           | Organization of work in order to reduce other worker's influence during work process.                                         |  |  |
|              | Technical measures for preventing expos                         |                                                                                                                                                                                                                                                                                                                                           | Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. |  |  |
| 8.2.2.       | Personal protection equipment                                   | nt                                                                                                                                                                                                                                                                                                                                        |                                                                                                                               |  |  |
| 8.2.2.1.     | Eye and face protection:                                        | Safety glasses<br>166).                                                                                                                                                                                                                                                                                                                   | that stick to face (preventing splashing) or visor (EN                                                                        |  |  |
| 8.2.2.2.     | Skin protection                                                 |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                               |  |  |
|              | Hand protection:                                                | The protective gloves to be used must comply with the specification of EC Directive 89/686/EEC and the related standard EN374 full contact:  Gloves material: Nitrile rubber Glove thickness: 0.11 mm Break through time:> 480 min splash contact:  Gloves material: Nitrile rubber Glove thickness: 0.11 mm Break through time:> 480 min |                                                                                                                               |  |  |
|              | Other skin protection:                                          | In normal circumstances use cotton clothes and adequate footwear, such as rubber boots or shoes that cover the entire foot. In case of spillage risk use clothes made of impermeable material suitable for protection against liquid chemicals (Viton, PVC himex - HRN EN 465) and footwear made of the same material.                    |                                                                                                                               |  |  |
| 8.2.2.3.     | Respiratory protection:                                         |                                                                                                                                                                                                                                                                                                                                           | n dust are generated. Recommended filter type: Filter P<br>3181) for solid and liquid particles of toxic and very<br>es.      |  |  |



Page 7 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             |          |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

| 8.2.2.4. | Thermal hazards: -                                      |                                                                             |
|----------|---------------------------------------------------------|-----------------------------------------------------------------------------|
| 8.2.3.   | Environmental exposure controls                         |                                                                             |
|          | Substance/mixture related measures to prevent exposure: | See Section 6                                                               |
|          | Structural measures to prevent exposure:                | Use modern equipment.                                                       |
|          | Organisational measures to prevent exposure:            | Adapt the work process to the required working conditions of the workplace. |
|          | Technical measures for preventing exposure:             | See Section 6                                                               |

| 1.   | Information on basic physical and chemical                | properties                         |                          |
|------|-----------------------------------------------------------|------------------------------------|--------------------------|
|      |                                                           | Value                              | Method                   |
|      | Physical state:                                           | powder                             | No information available |
|      | Colour:                                                   | dark green                         | No information available |
|      | Odour/odour threshold:                                    | odourless/no information available | No information available |
|      | Melting point / freezing point:                           | 233-236 °C                         | No information available |
|      | Boiling point or initial boiling point and boiling range: | No information available           | No information available |
|      | Flammability:                                             | No information available           | No information available |
|      | Lover and upper explosion limit:                          | No information available           | No information available |
|      | Flash point:                                              | No information available           | No information available |
|      | Auto-ignition temperature:                                | No information available           | No information available |
|      | Decomposition temperature:                                | No information available           | No information available |
|      | рН:                                                       | No information available           | No information available |
|      | Kinematic viscosity:                                      | No information available           | No information available |
|      | Solubility:                                               | 10 g/l (20°C)                      | No information available |
|      | Partition coefficient n-octanol/water (log value):        | No information available           | No information available |
|      | Vapour pressure:                                          | No information available           | No information available |
|      | Density and/or relative density:                          | No information available           | No information available |
|      | Relative vapour density:                                  | No information available           | No information available |
|      | Particle characteristics:                                 | No information available           | No information available |
| 9.2. | Other information                                         |                                    |                          |



Page 8 of 16

| Trading name: | BRILLIANT CRESYL BLUE, C.I. 51010 |                |             |          |   |
|---------------|-----------------------------------|----------------|-------------|----------|---|
| Product code: | BCB-P-X**                         | Revision date: | 21 Dec 2022 | Version: | 4 |

| SECTIO | SECTION 10. Stability and reactivity |                                                                                                             |  |  |
|--------|--------------------------------------|-------------------------------------------------------------------------------------------------------------|--|--|
| 10.1.  | Reactivity:                          | No information available                                                                                    |  |  |
| 10.2.  | Chemical stability:                  | The product is chemically stable under standard ambient conditions of storing and using (room temperature). |  |  |
| 10.3.  | Possibility of hazardous reactions:  | Strong oxidizing agents                                                                                     |  |  |
| 10.4.  | Conditions to avoid:                 | No information available                                                                                    |  |  |
| 10.5.  | Incompatible materials:              | No information available                                                                                    |  |  |
| 10.6.  | Hazardous decomposition products:    | No information available                                                                                    |  |  |

| SECTION 11. To                  | xicological informati                                             | on                               |         |                          |                          |                              |  |
|---------------------------------|-------------------------------------------------------------------|----------------------------------|---------|--------------------------|--------------------------|------------------------------|--|
| 11.1. Informa                   | tion on toxicological e                                           | ffects                           |         |                          |                          |                              |  |
| Acute to                        | oxicity:                                                          |                                  |         |                          |                          |                              |  |
| Route of exposure:              | Method Species Dose LD <sub>50</sub> /LC <sub>50</sub> Exposure p |                                  |         |                          | Exposure pe              | riod Result                  |  |
| Oral exposure:                  | No information available                                          | No inform available              | nation  | No information available | No infor available       | mation _                     |  |
| Skin contact:                   | No information available                                          | No inform available              | nation  | No information available | No infor<br>available    | mation -                     |  |
| Inhaling:                       | No information available                                          | No inform<br>available           | nation  | No information available | No infor available       | mation -                     |  |
| :                               |                                                                   |                                  |         |                          |                          |                              |  |
| Specific                        | target organ toxicity -                                           | - single exposu                  | ıre (ST | OT SE):                  |                          |                              |  |
|                                 | Specific eff                                                      | ects                             |         | Target orga              | n                        | Note                         |  |
| Oral exposure:                  | Oral exposure: No information available                           |                                  |         | formation available      | 9                        | -                            |  |
| Skin contact:                   | lable                                                             | able No information available    |         |                          | _                        |                              |  |
| Inhaling:                       | No information avai                                               | lable No information available - |         |                          |                          |                              |  |
|                                 |                                                                   |                                  |         |                          |                          |                              |  |
| Aspirati                        | on hazard:                                                        | No in                            | format  | ion available            |                          |                              |  |
| :                               |                                                                   |                                  |         |                          |                          |                              |  |
| Irritatio                       | n and corrosion                                                   |                                  |         |                          |                          |                              |  |
|                                 | Exposur                                                           | e time                           | Spec    | ies Evaluation           | Method                   | Note                         |  |
| Skin<br>corrosion/irritati      | on: No information                                                | No information available         |         | ma<br>-<br>abl           | No information available | n No informatio<br>available |  |
| Serious eye<br>damage/irritatio | No information                                                    | No information available         |         | ma -                     | No information available | No information available     |  |



Skin contact:

Inhaling:

#### **SAFETY DATA SHEET** BIOGNOST According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

Page 9 of 16

| Trading name: |           | BRILLIANT CRE  | SYL BLUE, C.I. 5101 | 10       |   |
|---------------|-----------|----------------|---------------------|----------|---|
| Product code: | BCB-P-X** | Revision date: | 21 Dec 2022         | Version: | 4 |
|               |           |                |                     |          |   |
|               |           | availabl       |                     |          |   |
|               |           | e              |                     |          |   |
|               | :         |                | i                   |          |   |
| Sensitiza     | tion      |                |                     |          |   |

| Symptor        | ns related to the physical, chemical and toxicological characteristics |
|----------------|------------------------------------------------------------------------|
| Oral exposure: | No information available                                               |
| Skin contact:  | No information available                                               |
| Inhaling:      | No information available                                               |
| Eye contact:   | No information available                                               |

| Repeated do | aca tavicity | (cubacuta               | cubchronic   | chronic) |
|-------------|--------------|-------------------------|--------------|----------|
| nepeated ut | JSE LUXICILY | (Subacut <del>e</del> , | Subcilionic, | CHIOHIC) |
| •           | ,            |                         |              | ,        |

No information available

No information available

| Repeated dose toxicity (subacute, subchronic, chronic) |                          |                                |                                |                                |                                |      |  |  |
|--------------------------------------------------------|--------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------|--|--|
|                                                        | Dose                     | Exposure<br>time               | Species                        | Method                         | Evaluation                     | Note |  |  |
| Subacute oral                                          | No information available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | -    |  |  |
| Subacute<br>dermal                                     | No information available | No<br>information<br>available | No information available       | No<br>information<br>available | No<br>information<br>available | -    |  |  |
| Subacute inhaling toxicity                             | No information available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | -    |  |  |
| Subchronic<br>oral                                     | No information available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | -    |  |  |
| Subchronic<br>dermal<br>toxicity                       | No information available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | -    |  |  |
| Subchronic inhalation                                  | No information available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | -    |  |  |
| Chronic oral                                           | No information available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | -    |  |  |
| Chronic<br>dermal<br>toxicity                          | No information available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | No<br>information<br>available | -    |  |  |



Page 10 of 16

| Trading name                                                                 | :                                     |                                                  |                                         |                               | BRIL                                                                         | LIANT C                                              | RESY                                 | L BLUE, C.I. 5                 | 1010                      |      |       |    |
|------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------|------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------|--------------------------------|---------------------------|------|-------|----|
| Product code:                                                                |                                       | BCB-P-                                           | X**                                     |                               | Revi                                                                         | ision date                                           | e: 2                                 | 21 Dec 2022                    |                           | Vers | sion: | 4  |
| Chronic<br>inhalation                                                        | No<br>av                              | o inforr<br>ailable                              | mation                                  |                               | rmation<br>lable                                                             | No<br>informati<br>available                         | on                                   | No<br>information<br>available | No<br>informa<br>availabl |      | -     |    |
| Specifi                                                                      | c ta                                  | rget orga                                        | n toxici                                | tv – re                       | epeated exp                                                                  | oosure (ST                                           | OT RE                                | Ξ):                            |                           |      |       |    |
|                                                                              |                                       | <u> </u>                                         |                                         |                               | ific effects                                                                 |                                                      |                                      | Target organ                   |                           |      | Not   | :e |
| Subacute oral                                                                |                                       |                                                  | No in                                   | forma                         | ition availak                                                                | ole N                                                | o info                               | ormation availab               | ole                       | -    |       |    |
| Subacute derma                                                               | al                                    |                                                  | No in                                   | forma                         | ition availab                                                                | ole N                                                | o info                               | ormation availab               | ole                       | -    |       |    |
| Subacute inhali                                                              | ng t                                  | oxicity                                          | No in                                   | forma                         | ition availab                                                                | ole N                                                | o info                               | ormation availab               | ole                       | -    |       |    |
| Subchronic oral                                                              |                                       |                                                  | No in                                   | forma                         | ition availab                                                                | ole N                                                | o info                               | ormation availab               | ole                       | -    |       |    |
| Subchronic deri                                                              | mal                                   | toxicity                                         | No in                                   | forma                         | ition availab                                                                | ole N                                                | o info                               | ormation availab               | ole                       | -    |       |    |
| Subchronic inha                                                              | alati                                 | on                                               | No in                                   | forma                         | ition availak                                                                | ole N                                                | o info                               | ormation availab               | ole                       | -    |       |    |
| Chronic oral                                                                 |                                       |                                                  | No in                                   | forma                         | ition availak                                                                | ole N                                                | o info                               | ormation availab               | ole                       | -    |       |    |
|                                                                              |                                       |                                                  |                                         | ition availak                 | ble No information available                                                 |                                                      |                                      | ole                            | -                         |      |       |    |
| Chronic inhalation No informa                                                |                                       |                                                  |                                         | ition availak                 | lable No information available                                               |                                                      |                                      | ole                            | -                         |      |       |    |
| Carcinogenicity Mutagenicity in Genotoxicity: Mutagenicity in Germ cell muta | :<br>-viti                            | ro:<br>o:                                        |                                         |                               | No inform No inform                                                          | nation ava<br>nation ava<br>nation ava<br>nation ava | ilable<br>ilable<br>ilable<br>ilable |                                |                           |      |       |    |
| Reproductive to                                                              |                                       |                                                  |                                         |                               |                                                                              | nation ava                                           |                                      |                                |                           |      |       |    |
| Treproductive te                                                             | , , , , , , , , , , , , , , , , , , , |                                                  |                                         |                               | 110 1110111                                                                  |                                                      | павте                                |                                |                           |      |       |    |
| Summ<br>proper                                                               | ,                                     |                                                  | luation                                 | of                            | the CMR                                                                      | No info                                              | rmatio                               | on available                   |                           |      |       |    |
| 11.2. Inform                                                                 | atio                                  | n on oth                                         | er hazar                                | ds:                           |                                                                              |                                                      |                                      |                                |                           |      |       |    |
| 11.2.1. Endoci                                                               | rine                                  | disruptin                                        | g prope                                 | erties:                       |                                                                              |                                                      |                                      |                                |                           |      |       |    |
| compo<br>disrup<br>Article<br>regula                                         | onen<br>ting<br>57<br>tion            | nts consider<br>properti<br>(f) or (<br>(EU) 201 | lered to<br>es acco<br>Commis<br>7/2100 | have<br>rding<br>sion<br>or C | ot contain<br>endocrine<br>to REACH<br>Delegated<br>ommission<br>els of 0.1% |                                                      |                                      |                                |                           |      |       |    |
| 11.2.2. Other                                                                | info                                  | rmations                                         |                                         |                               |                                                                              |                                                      |                                      |                                |                           |      |       |    |
| -                                                                            |                                       |                                                  |                                         |                               |                                                                              |                                                      |                                      |                                |                           |      |       |    |



Page 11 of 16

| Trading name: |           | BRILLIANT CRES | SYL BLUE, C.I. 5101 | 0        |   |
|---------------|-----------|----------------|---------------------|----------|---|
| Product code: | BCB-P-X** | Revision date: | 21 Dec 2022         | Version: | 4 |

| SECTION 12.               | Ecologi                | cal informa                | tion            |         |                              |         |                         |                      |         |       |     |
|---------------------------|------------------------|----------------------------|-----------------|---------|------------------------------|---------|-------------------------|----------------------|---------|-------|-----|
| 12.1. Toxic               | city                   |                            |                 |         |                              |         |                         |                      |         |       |     |
| Acute (short-<br>toxicity | term)                  | Dose                       | Exposu<br>perio |         | Species                      | Me      | ethod                   | Evalu                | ation   | Note  | )   |
| Fish                      |                        | LC <sub>50</sub>           | 96 hour         |         | No<br>formation<br>available | info    | No<br>mation<br>ailable | N<br>inform<br>avail | ation   | -     |     |
| Crustacea:                |                        | EC <sub>50</sub>           | 48 hour         |         | No<br>formation<br>available | info    | No<br>mation<br>ailable | N<br>inform<br>avail | ation   | -     |     |
| Algae/aquatio             | c plants               | IC <sub>50</sub>           | 72 hour         |         | No<br>formation<br>available | info    | No<br>mation<br>ailable | N<br>inform<br>avail | ation   | -     |     |
| Microorganis              | ms                     | -                          | _               | -       |                              | -       |                         | -                    |         | -     |     |
| Chronic (long toxicity    | ı-term)                | Dose                       | Exposu<br>perio |         | Species                      | Me      | ethod                   | Evalu                | ation   | Note  | )   |
| Fish                      |                        | LC <sub>50</sub>           | 96 hour         |         | No<br>formation<br>available | info    | No<br>mation<br>ailable | N<br>inform<br>avail | -       |       |     |
| Crustacea:                |                        | EC <sub>50</sub>           | 48 hour         |         | No<br>formation<br>available | info    | No<br>mation<br>ailable | N<br>inform<br>avail | _       |       |     |
| Algae/aquatio             | c plants               | IC <sub>50</sub>           | 72 houi         |         | No<br>formation<br>available | info    | No<br>mation<br>ailable | ition information -  |         |       |     |
| Microorganis              | ms                     | -                          | -               | -       |                              | -       |                         | -                    |         | -     |     |
|                           |                        |                            |                 |         |                              |         |                         |                      |         |       |     |
| 12.2. Pers                | istence a              | nd degradal                | oility          |         |                              |         |                         |                      |         |       |     |
| Abic                      | tic degra              | adation                    |                 |         |                              |         |                         |                      |         | v     |     |
|                           | Degradation half-lives |                            |                 |         | Method                       |         |                         | Evalua               | ion     | No    | ote |
| Marine<br>water           | No inf                 | ormation av                | ailable         | No info | rmation ava                  | ailable | No in                   | formatior            | availab | ole - |     |
| Fresh water               | No inf                 | ormation av                | ailable         | No info | rmation ava                  | ailable | No in                   | formatior            | availab | ole - |     |
| Air                       | No inf                 | nformation available No ir |                 |         | rmation ava                  | ailable | No in                   | formation            | availab | ole - |     |
| Soil                      | No inf                 | ormation av                | ailable         | No info | information available No inf |         | formation               | availab              | ole -   |       |     |
|                           |                        |                            |                 |         |                              |         |                         |                      |         |       |     |
| i                         | egradati               | on                         |                 |         |                              | 1       |                         |                      |         |       |     |
| % Degradati               |                        |                            | e (days)        |         | Metho                        | od      | Evalua                  | ation                |         | Note  |     |
| No information            | on No                  | information                | available       |         | No                           |         | No inforr               | mation               | -       |       |     |



Trading name:

# BIOGNOST SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

**BRILLIANT CRESYL BLUE, C.I. 51010** 

Page 12 of 16

| available    Partition coefficient: n-octanol/water (log Kow):   Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4        |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|--|--|--|--|--|--|--|--|
| Available   Avai   |          |  |  |  |  |  |  |  |  |  |
| 12.3.   Bioaccumulative potential   Partition coefficient: n-octanol/water (log Kow):   Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |  |  |  |  |  |  |  |
| Partition coefficient: n-octanol/water (log Kow):   Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |  |  |  |  |  |  |  |  |  |
| Partition coefficient: n-octanol/water (log Kow):   Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |  |  |  |  |  |  |  |  |  |
| Partition coefficient: n-octanol/water (log Kow):   Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |  |  |  |  |  |  |  |  |  |
| Partition coefficient: n-octanol/water (log Kow):   Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |  |  |  |  |  |  |  |  |  |
| Value       Concentration No information information available       No info                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |  |  |  |  |  |  |  |  |  |
| No information available    No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information available   No information avail |          |  |  |  |  |  |  |  |  |  |
| Information available  No information available  Chronic ecotoxicity  No information available  Chronic toxicity on fish  Chronic toxicity on crustacea (Daybnia)  EC <sub>50</sub> No information information information available  No information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u> </u> |  |  |  |  |  |  |  |  |  |
| Value       Species       Method       Evaluation       Note         No information available         Chronic ecotoxicity         Value       Dose period       Exposure period       Species       Method       Evaluation       No         Chronic toxicity on fish       LC50       No information available       information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | on       |  |  |  |  |  |  |  |  |  |
| Value       Species       Method       Evaluation       Note         No information available         Chronic ecotoxicity         Value       Dose period       Exposure period       Species       Method       Evaluation       No         Chronic toxicity on fish       LC50       No information available       information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |  |  |  |  |  |  |  |  |  |
| Value       Species       Method       Evaluation       Note         No information available         Chronic ecotoxicity         Value       Dose period       Exposure period       Species       Method       Evaluation       No         Chronic toxicity on fish       LC50       No information available       information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |  |  |  |  |  |  |  |  |  |
| No information available    No information available   No information available   No information available   No information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |  |  |  |  |  |  |  |  |  |
| Value     Dose     Exposure period     Species     Method     Evaluation     No       Chronic toxicity on fish     LC <sub>50</sub> No information available      -        Chronic toxicity on crustacea (Daphnia)     EC <sub>50</sub> No information information information information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1        |  |  |  |  |  |  |  |  |  |
| Value     Dose     Exposure period     Species     Method     Evaluation     No       Chronic toxicity on fish     LC <sub>50</sub> No information available      -        Chronic toxicity on crustacea (Daphnia)     EC <sub>50</sub> No information information information information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |  |  |  |  |  |  |  |  |  |
| Value     Dose     Exposure period     Species     Method     Evaluation     No       Chronic toxicity on fish     LC <sub>50</sub> No information available      -        Chronic toxicity on crustacea (Daphnia)     EC <sub>50</sub> No information information information information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |  |  |  |  |  |  |  |  |  |
| Value     Dose     Exposure period     Species     Method     Evaluation     No       Chronic toxicity on fish     LC <sub>50</sub> No information available      -        Chronic toxicity on crustacea (Daphnia)     EC <sub>50</sub> No information information information information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |  |  |  |  |  |  |  |  |  |
| Chronic toxicity on fish  Chronic toxicity on crustacea (Daphnia)  Chaphnia  Control of toxicity on crustacea (Daphnia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |  |  |  |  |  |  |  |  |  |
| Chronic toxicity on fish $LC_{50}$ information information available $-$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | te       |  |  |  |  |  |  |  |  |  |
| Chronic toxicity on EC <sub>50</sub> information information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |  |  |  |  |  |  |  |  |  |
| available available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |  |  |  |  |  |  |  |  |  |
| 12.4. Mobility in soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |  |  |  |  |  |  |  |  |  |
| Known or predicted distribution in environmental compartments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |  |  |  |  |  |  |  |  |  |
| No information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |  |  |  |  |  |  |  |  |  |
| Surface tension:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |  |  |  |  |  |  |  |  |  |
| Value °C Concentration Method Note                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |  |  |  |  |  |  |  |  |  |
| No information information available No information available No information available -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |  |  |  |  |  |  |  |  |  |



No information available

Trading name:

#### **SAFETY DATA SHEET** BIOGNOST According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

**BRILLIANT CRESYL BLUE, C.I. 51010** 

Page 13 of 16

|                         |                                                                                                                                                                                                                                                             |                                  |                                |             |          | -, C.I. 31010            |    | _  |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------|-------------|----------|--------------------------|----|----|
| Product code: BCB-P-X** |                                                                                                                                                                                                                                                             | Revi                             | Revision date: 21 Dec 2022     |             |          | Version:                 | 4  |    |
| <u> </u>                | •                                                                                                                                                                                                                                                           | n / desorption<br>/D coefficient |                                |             |          |                          |    |    |
| Transport               | Не                                                                                                                                                                                                                                                          | enry's constant                  | log Kow                        | Evaporation | on rate  | Method                   | No | te |
| Soil-water              | No<br>availa                                                                                                                                                                                                                                                | information<br>able              | No<br>information<br>available | No info     | ormation | No information available | -  |    |
| Water-air               | No<br>availa                                                                                                                                                                                                                                                | information<br>able              | No<br>information<br>available | No info     | ormation | No information available | -  |    |
| Soil-air                | No<br>availa                                                                                                                                                                                                                                                | information<br>able              | No<br>information<br>available | No info     | ormation | No information available | -  |    |
| 6                       |                                                                                                                                                                                                                                                             |                                  |                                |             |          |                          |    |    |
| 12.5. Re                | sults of                                                                                                                                                                                                                                                    | PBT and vPvB asses               | ssment                         |             |          |                          |    |    |
| No                      | inform                                                                                                                                                                                                                                                      | ation available                  |                                |             |          |                          |    |    |
|                         |                                                                                                                                                                                                                                                             |                                  |                                |             |          |                          |    |    |
| 12.6. En                | docrine                                                                                                                                                                                                                                                     | disrupting propert               | ies                            |             |          |                          |    |    |
| aco                     | 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. |                                  |                                |             |          |                          |    |    |
|                         |                                                                                                                                                                                                                                                             |                                  |                                |             |          |                          |    |    |
| 12.7. Ot                | her adve                                                                                                                                                                                                                                                    | erse effects                     |                                |             |          |                          |    |    |
| <u>.</u> .              |                                                                                                                                                                                                                                                             |                                  |                                |             |          |                          |    |    |

| SECTION | N 13. Disposal considerations                                                                              |
|---------|------------------------------------------------------------------------------------------------------------|
| 13.1.   | Waste treatment methods                                                                                    |
|         |                                                                                                            |
| 13.1.1. | Product/Packaging disposal:                                                                                |
|         | Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection. |
|         |                                                                                                            |
| 13.1.2. | Waste codes/waste designations according to Law:                                                           |
|         | No information available                                                                                   |
|         |                                                                                                            |
| 13.1.3. | Waste treatment – relevant information:                                                                    |
|         | No information available                                                                                   |
|         |                                                                                                            |



Page 14 of 16

| Trading name: |           | BRILLIANT CRES | SYL BLUE, C.I. 5101 | 0        |   |
|---------------|-----------|----------------|---------------------|----------|---|
| Product code: | BCB-P-X** | Revision date: | 21 Dec 2022         | Version: | 4 |

| 13.1.4. | Sewage disposal – relevant information:                                                                                                                                                                                                                                                                                               |  |  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|         | Waste must not be disposed of into the sewage system.                                                                                                                                                                                                                                                                                 |  |  |
|         |                                                                                                                                                                                                                                                                                                                                       |  |  |
| 13.1.5. | Other disposal recommendations:                                                                                                                                                                                                                                                                                                       |  |  |
|         | Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur. |  |  |
| 13.1.6. | Relevant Community provisions:                                                                                                                                                                                                                                                                                                        |  |  |
|         | -                                                                                                                                                                                                                                                                                                                                     |  |  |

| Transporting/shipment by      | road (ADR)                            |
|-------------------------------|---------------------------------------|
| UN number:                    | Not subject to transport regulations. |
| UN proper shipping name:      |                                       |
| Transport hazard class(es):   | -                                     |
| Packing group:                | -                                     |
| Environmental hazard(s):      | -                                     |
| Special precautions for user: | -                                     |
| Transporting/shipment by      | rail (RID)                            |
| UN number:                    | Not subject to transport regulations. |
| UN proper shipping name:      | -                                     |
| Transport hazard class(es):   | -                                     |
| Packing group:                | -                                     |
| Environmental hazard(s):      | -                                     |
| Special precautions for user: | -                                     |
| Inland waterway transport     | (ADN)                                 |
| UN number:                    | Not subject to transport regulations. |
| UN proper shipping name:      | -                                     |
| Transport hazard class(es):   | -                                     |
| Packing group:                | -                                     |
| Environmental hazard(s):      | -                                     |
| Special precautions for user: | -                                     |
| Transporting/shipment by      | sea (IMDG)                            |
| UN number:                    | Not subject to transport regulations. |
| UN proper shipping name:      | -                                     |
| Transport hazard class(es):   | -                                     |
| Packing group:                | -                                     |



Page 15 of 16

| Trading name: |           | BRILLIANT CRES | YL BLUE, C.I. 51010 |          |   |
|---------------|-----------|----------------|---------------------|----------|---|
| Product code: | BCB-P-X** | Revision date: | 21 Dec 2022         | Version: | 4 |

| Environmental hazard(s):                                                  | -                                     |
|---------------------------------------------------------------------------|---------------------------------------|
| Special precautions for user:                                             | -                                     |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: | -                                     |
| Transporting/shipment by air (ICAO-TI/IATA-DGR)                           |                                       |
| UN number:                                                                | Not subject to transport regulations. |
| UN proper shipping name:                                                  | -                                     |
| Transport hazard class(es):                                               | -                                     |
| Packing group:                                                            | -                                     |
| Environmental hazard(s):                                                  | -                                     |
| Special precautions for user:                                             | -                                     |
|                                                                           |                                       |
| Further information: -                                                    |                                       |

| SECTIO | ECTION 15. Regulatory information                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|--------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| 15.1.  | Safety, health and environmental regulations/legislation specific for the substance or mixture |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|        | EU regulations                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|        | Authorization and/or restrictions of use                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|        | Authorizations:                                                                                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
|        | Restrictions:                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
|        | Other EU regulations:                                                                          | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII); |  |  |  |
|        | Information according guideline)                                                               | 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |
|        | National legislation:                                                                          | Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |



Page 16 of 16

| Trading name: |           | BRILLIANT CRES | YL BLUE, C.I. 51010 |          |   |
|---------------|-----------|----------------|---------------------|----------|---|
| Product code: | BCB-P-X** | Revision date: | 21 Dec 2022         | Version: | 4 |

|       |                            | limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Transport of Hazardous Substances Act |  |
|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 15.2. | Chemical safety assessment |                                                                                                                                                                   |  |
|       | None                       |                                                                                                                                                                   |  |

| SECTIO | ECTION 16. Other information                  |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------|-----------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 16.1.  | Indi                                          | cation of changes:        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 16.2.  |                                               |                           | ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  IMDG: International Maritime Code for Dangerous Goods  IATA: International Air Transport Association  GHS: Globally Harmonised System of Classification and Labelling of Chemicals  EINECS: European Inventory of Existing Commercial Chemical Substances  CAS: Chemical Abstracts Service (division of the American Chemical Society)  DNEL: Derived No-Effect Level (UK REACH)  LC50: Lethal concentration, 50 percent  LD50: Lethal dose, 50 percent  PBT: Persistent, Bioaccumulative and Toxic  vPvB: very Persistent and very Bioaccumulative |  |
| 16.3.  | Key literature references and source of data: |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| 16.4.  | Rele                                          | evant H statements (numbe | r and full text)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|        |                                               | 315                       | Causes skin irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|        | H:                                            | 319                       | Causes serious eye irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|        |                                               | 335                       | May cause respiratory irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 16.5.  | Training advice:                              |                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 16.6.  | 5. Further information:                       |                           | ** "X" in the product code marks different volumes (different packagings of the product)  We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

#### ANNEX:

**Exposure scenario resulting to Chemical safety assessment**