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| Trading name: | TOLUIDINE BLUE, C.I. 52040 | | | | | |
|---------------|----------------------------|----------------|-------------|----------|---|--|
| Product code: | TB-P-X** | Revision date: | 21 Dec 2022 | Version: | 4 | |

| 1.1. | Product identifier | | | | |
|------|--|--|---|--|--|
| | Substance name: | TOLU | JIDINE BLUE, C.I. 52040 | | |
| | EC No: | 202- | 146-2 | | |
| | Synonyms: | Basic Blue 17, Tolonium Chloride | | | |
| | Product code: | TB-P | -X** | | |
| | REACH registration number: | - | | | |
| | CAS No: | 92-3 | 1-9 | | |
| | Index no.: | - | | | |
| 1.2. | 2. Relevant identified uses of the substance or mixture and uses advised against | | | | |
| | Uses: | | For staining mast cells, cartilage and Nissl bodies in the spinal cord. | | |
| | Uses advised against: | | Only the identified uses are advised. | | |
| | Reason why uses advised agai | nst: | The product is intended for use only as an <i>in vitro</i> diagnostic medical device listed in the Registry of medical devices at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes | | |
| 1.3. | Details of the supplier of the s | Details of the supplier of the safety data sheet | | | |
| | Supplier: | Bi | oGnost Ltd. | | |
| | Address: | М | Medjugorska 59, Zagreb | | |
| | Telephone number: | +. | +385 1 2409997 | | |
| | Fax no.: | +: | +385 1 2404039 | | |
| | e-mail of competent person: | <u>m</u> | msds@biognost.hr | | |
| | National contact person: | - | | | |
| 1.4. | Emergency telephone number | | | | |
| | National Protection and Rescu Directorate: | ie | 112 | | |
| | Medical information: | | +385 1 2348 342 | | |
| | Other information: | | - | | |

| SECTIO | FION 2. Hazards identification | | | | | |
|---------|--|-----------|--|--|--|--|
| 2.1. | 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*: | | | | | |
| | Not identified as hazardous substances - | | | | | |
| 2.1.2. | Additional information | | | | | |
| | - | | | | | |
| *For fu | ll text of Hazard- and EU Hazard-statements: see S | ection 16 | | | | |



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| 2.2. | Label elements | | | |
|------|---|----------------------------|--|--|
| | Product identification: | TOLUIDINE BLUE, C.I. 52040 | | |
| | Identification number: | - | | |
| | Authorisation number: | - | | |
| | Hazard pictograms: | - | | |
| | Signal word: | - | | |
| | Hazard statements: | - | | |
| | Precautionary statements: | - | | |
| | Further information: | - | | |
| 2.3. | Other hazards | | | |
| | Endocrine Disrupting Propert | ies: | | |
| | 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. Cor | SECTION 3. Composition/information on ingredients | | | | | | |
|----------------|---|-----------|---------------------|-----------------------------|--|--|--|
| CAS No | EC No: | Index no. | Identification name | Weight % content (or range) | | | |
| 92-31-9 | 2-31-9 202-146-2 - Tolonium chloride 90-100 % | | | | | | |

| SECTI | ON 4. First aid measures | | |
|---|---|---|--|
| 4.1. | Description of first aid measures | 5 | |
| | 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. | |



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| | Following eye contact: | Risk of serious damage to eyes. |
|------|-------------------------------|--|
| | Following ingestion: | Harmful if swallowed. |
| 4.3. | Indication of any immediate m | nedical attention and special treatment needed |
| | - | |

| SECTIO | SECTION 5. Firefighting measures | | | | |
|--------|--|--|--|--|--|
| 5.1. | Extinguishing media | | | | |
| | Suitable extinguishing media: V | Vater, foam, dry powder, CO ₂ | | | |
| | Unsuitable extinguishing media: - | | | | |
| 5.2. | Special hazards arising from the subs | stance or mixture | | | |
| | Hazardous combustion products: n | o information available | | | |
| 5.3. | Advice for firefighters | | | | |
| | Use a self-contained open-circuit cor | mpressed air breathing apparatus and fireproof clothing. | | | |
| | Cool closed containers exposed to fir | re with water spray or vapor. | | | |
| 5.4. | Additional information | | | | |
| | Make sure the water used for extingular waters system. | uishing fire does not contaminate water surface or underground | | | |

| SECTIO | SECTION 6. Accidental release measures | | | | | |
|--------|--|--|--|--|--|--|
| 6.1. | Personal precautions, | Personal precautions, protective equipment and emergency procedures | | | | |
| 6.1.1. | For non-emergency p | ersonnel | | | | |
| | Protective equipment: | | Use personal protective equipment (see Section 8). | | | |
| | Accident prevention n | nethods: | Avoid breathing in dust. Avoid touching the substance. Secure proper ventilation. | | | |
| 2 | Emergency procedure | s: | Leave the hazardous area, take notice of the emergency procedures. | | | |
| 6.1.2. | For emergency responders: | | | | | |
| | - | | | | | |
| 6.2. | Environmental precautions: | | | | | |
| | Do not allow the product enter drainage. | | | | | |
| 6.3. | Methods and material | Methods and material for preventing spreading and cleaning | | | | |
| 6.3.1. | For creating barriers, covering and sealing: | 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: | substance the legal p Protection | 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. | | | |



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| 6.3.3. | Other information: | - | | | | | | |
|--------|------------------------|-------------------------------|--|--|--|--|--|--|
| 6.4. | Reference to other sec | eference to other sections | | | | | | |
| | Indications about was | te treatment, see Section 13. | | | | | | |

| SECTIO | ON 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 generate | on: 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. T | horoughly wash hands after work and before eating. | | | | |
| 7.2. | Conditions for safe storage, including any incompatibilities | | | | | |
| 1.2. | 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: | Keep in a tightly closed container. Keep in cool, dry and well ventilated space away from non-compatible substances. | | | | |
| | 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: - | | | | | |

| SECTIO | ON 8. Exposure controls | s/personal protecti | ion | | |
|--------|-------------------------|---------------------|--|-------|-------------------------|
| 8.1. | Control parameters | | | | |
| | Substance | CAS No | Occupational exposure limit values/short term values | | Biological limit values |
| | | | ppm | mg/m³ | |
| - | | - | - | - | - |



| | | | | | | | Page 5 c | ot 16 | | |
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| Does not | contain | substances rec | rulated hy | the profession | nal evnos | sure limit values. | | | | |
| Substance | | 3ab3tarice3 reg | guiated by | the profession | тат схроз | die iiiiit values. | | | | |
| name: | - - | | | | | | | | | |
| EC No: | _ | | CAS No: | - | | | | | | |
| DNEL | i | | | | | | | | | |
| | | | | Ind | ustrial | | | | | |
| Route of | | Acut | | Acut | e | Chronic | Chron | ic | | |
| exposure | | effect lo | ocal | effect sys | temic | effect local | effect sys | temic | | |
| Oral | | - | | - | | - | - | | | |
| Inhalation | 1 | - | | - | | - | - | | | |
| Dermal | | - | | - | | - | - | | | |
| Critical ph | nysical p | arameters: solu | ıbility, flan | nmability, corr | osivity: | - | | | | |
| | | | | Con | sumer | 1 | | | | |
| Route of | | Acut | e | Acut | e | Chronic | Chron | ic | | |
| exposure |): | effect lo | ocal | effect sys | temic | effect local | effect sys | temic | | |
| Oral | | - | | - | | - | - | | | |
| Inhalation | 1 | - | | - | | - | - | | | |
| Dermal | | - | | - | | - | - | | | |
| PNEC | | | | | | • | · | | | |
| Environm | ental pro | otection target | | | PNEC | | | | | |
| Fresh wat | er | | | | No info | ormation available | | | | |
| Freshwate | er sedim | ents | | | No information available | | | | | |
| Marine wa | ater | | | | No information available | | | | | |
| Marine se | ediments | 3 | | | No information available | | | | | |
| Food chai | in | | | | No information available | | | | | |
| Microorga | anisms i | n sewage treat | ment | | No information available | | | | | |
| Soil (agric | cultural) | | | | No info | ormation available | | | | |
| Air | | | | | No info | ormation available | | | | |
| | | | | | l | | | | | |
| 8.2. | Exposu | ire controls | | | | | | | | |
| 8.2.1. | Appro | priate enginee | ring contro | ols | | | | | | |
| | Substance/mixture related measures to prevene exposure during identified uses: | | | | personal protective ec moke in the workspace | • • | eat, drin | | | |
| | Structi | ıral measures t | o prevent | exposure: | No | information available | | | | |
| | | | - | | Ora | anization of work in or | der to reduce other | er | | |
| | Organi | isational meası | ires to pre | vent exposure | | ire: | | | | |

worker's influence during work process.



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| | Technical measures for preventing | ng exposure: | Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. | | | |
|----------|--|---|--|--|--|--|
| 8.2.2. | Personal protection equipment | | | | | |
| 8.2.2.1. | Eye and face protection: | Safety glasses 166). | that stick to face (preventing splashing) or visor (EN | | | |
| 8.2.2.2. | Skin protection | | | | | |
| | Hand protection: | of EC Directive full contact: | e gloves to be used must comply with the specifications e 89/686/EEC and the related standard EN374 Gloves material: Nitrile rubber Glove thickness: 0.11 mm Break through time:> 480 min t: Gloves material: Nitrile rubber Glove thickness: 0.11 mm Break through time:> 480 min | | | |
| | Other skin protection: | such as rubbe spillage risk u protection ag | umstances use cotton clothes and adequate footwear, or boots or shoes that cover the entire foot. In case of se clothes made of impermeable material suitable for ainst liquid chemicals (Viton, PVC himex - HRN EN 465) made of the same material. | | | |
| 8.2.2.3. | Respiratory protection: | • | n dust are generated. Recommended filter type: Filter P I 3181) for solid and liquid particles of toxic and very ces. | | | |
| 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 Adapt the prevent exposure: workplace | | e work process to the required working conditions of the | | | |
| | Technical measures for preventing exposure: | See Section | 6 | | | |

| SECTIO | N 9. Physical and chemical properti | es | |
|--------|--------------------------------------|--------------------|--------------------------|
| 9.1. | Information on basic physical and ch | nemical properties | |
| | | Value | Method |
| | Physical state: | powder | No information available |



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| | Colour: | dark green | No information available |
|----|---|------------------------------------|--------------------------|
| | Odour/odour threshold: | odourless/no information available | No information available |
| | Melting point / freezing point: | No information available | 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 |
| | pH: | No information available | No information available |
| | Kinematic viscosity: | No information available | No information available |
| | Solubility: | No information available | 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 |
| 2. | Other information | | |
| | - | | |

| SECTIO | ON 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. Tox | SECTION 11. Toxicological information | | | | | | | |
|--|---------------------------------------|---------|---|-----------------|--------|--|--|--|
| 11.1. Information on toxicological effects | | | | | | | | |
| Acute to | Acute toxicity: | | | | | | | |
| Route of exposure: | Method | Species | Dose LD ₅₀ /LC ₅₀ | Exposure period | Result | | | |



available

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

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| | | | | * | | 1 | | i | |
| Oral exposure: | No info available | | | | o information vailable | | | ition | - |
| Skin contact: | Skin contact: | | No inform available | | o information vailable | tion No info available | | ition | - |
| Inhaling: No information No available avail | | No inform available | | o information vailable | No availabl | informa e | ntion | - | |
| , | | | | | | | | | |
| Specifi | ic target organ | toxicity - | single exposu | ure (STOT | SE): | - | | | |
| | Sr | pecific eff | ects | | Target organ | | | Note | |
| Oral exposure: | No informa | ation avai | lable | No infor | mation availab | le | _ | | |
| Skin contact: | No informa | ation avai | lable | No infor | mation availab | le | _ | | |
| Inhaling: | No informa | ation avai | lable | No infor | mation availab | le | - | | |
| ŧ | | | | | | | | | |
| Aspira | tion hazard: | | No in | formation | available | | | | |
| | | | | | | | | | |
| Irritatio | on and corrosi | | | | | | | | |
| | Exposure time | | - | oecies | Evaluation | | thod | Note | |
| Skin corrosion/irritat | No tion: availal | informa ble | ation No in availab | nformatior ple | 1 - | No info | rmation e | No information available | |
| Serious eye damage/irritation | No on availal | informa ble | ation No in availab | nformatior ole | - | No information available | | No ir availab | nformatio ole |
| * | | | | | | | | | |
| Sensiti | zation | | | | | | | | |
| Skin contact: | No inforr | mation av | ailable | | | | | | |
| Inhaling: | No inforr | mation av | ailable | | | | | | |
| | | | | | | | | | |
| | 1 | | | and toxico | ological charact | eristics | | | |
| Oral exposure: | No inforr | mation av | ailable | | | | | | |
| Skin contact: | No inforr | mation av | ailable | | | | | | |
| Inhaling: No information available | | | ailable | | | | | | |
| Eye contact: | No inforr | mation av | ailable | | | | | | |
| Repea | ted dose toxici | ity (subac | ute, subchroni | ic, chronic |) | | | | |
| i | Dose | Ex | posure ne | Species | Method | l Eva | aluation | Note | |
| Subacute oral | No inform | ation in | o formation | No informati | No on informa | No tion inf | ormation | _ | |

available

available

available

available



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| Subacute dermal | No information available | No information available | No information available | No information available | No information available | - |
|----------------------------------|--------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---|
| Subacute inhaling toxicity | No information available | No information available | No information available | No information available | No information available | - |
| Subchronic oral | No information available | No information available | No information available | No information available | No information available | - |
| Subchronic dermal toxicity | No information available | No information available | No information available | No information available | No information available | - |
| Subchronic inhalation | No information available | No information available | No information available | No information available | No information available | - |
| Chronic oral | No information available | No information available | No information available | No information available | No information available | - |
| Chronic dermal toxicity | No information available | No information available | No information available | No information available | No information available | - |
| Chronic inhalation | No information available | No information available | No information available | No information available | No information available | - |

| Specific target organ | toxicity – repeated exposure | (STOT RE): |
|-----------------------|------------------------------|------------|
| | Specific offects | Tara |

| | Specific effects | Target organ | Note |
|----------------------------|--------------------------|--------------------------|------|
| Subacute oral | No information available | No information available | - |
| Subacute dermal | No information available | No information available | - |
| Subacute inhaling toxicity | No information available | No information available | - |
| Subchronic oral | No information available | No information available | - |
| Subchronic dermal toxicity | No information available | No information available | - |
| Subchronic inhalation | No information available | No information available | - |
| Chronic oral | No information available | No information available | - |
| Chronic dermal toxicity | No information available | No information available | - |
| Chronic inhalation | No information available | No information available | - |

| CMR effects (carcinogenicity, mutagenicity, reproductive toxicity) | | | | | |
|--|--------------------------|--|--|--|--|
| Carcinogenicity: | No information available | | | | |
| Mutagenicity in-vitro: | No information available | | | | |



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| Genotoxicity: | | No information available |
|-------------------------------|---|--|
| Mutagenicity <i>in-vivo</i> : | | No information available |
| Germ ce | ell mutagenicity: | No information available |
| Reprodu | uctive toxicity: | No information available |
| | | |
| | Summary of evaluation of the CMR properties: | No information available |
| | | |
| 11.2. | Information on other hazards: | |
| 11.2.1. | Endocrine disrupting properties: | |
| | The substance/mixture does recomponents considered to have disrupting properties according Article 57(f) or Commission regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at level higher. | e endocrine to REACH Delegated Commission |
| 11.2.2. | Other informations: | |
| | - | |

| SECTION 12. Ecological information | | | | | | | |
|------------------------------------|------------------|-----------------|--------------------------------|--------------------------------|--------------------------------|------|--|
| 12.1. Toxicity | 12.1. Toxicity | | | | | | |
| Acute (short-term) toxicity | Dose | Exposure period | Species | Method | Evaluation | Note | |
| Fish | LC ₅₀ | 96 hours | No information available | No information available | No information available | - | |
| Crustacea: | EC ₅₀ | 48 hours | No information available | No information available | No information available | - | |
| Algae/aquatic plants | IC ₅₀ | 72 hours | No information available | No information available | No information available | - | |
| Microorganisms | - | - | - | - | - | - | |
| Chronic (long-term) toxicity | Dose | Exposure period | Species | Method | Evaluation | Note | |
| Fish | LC ₅₀ | 96 hours | No information available | No information available | No information available | - | |
| Crustacea: | EC ₅₀ | 48 hours | No | No | No | - | |



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| | | | information available | information available | information available | |
|----------------------|------------------|----------|--------------------------------|--------------------------------|--------------------------------|---|
| Algae/aquatic plants | IC ₅₀ | 72 hours | No information available | No information available | No information available | - |
| Microorganisms | - | - | - | - | - | - |

| Abiot | ic degradation | | | |
|--------------|--------------------------|--------------------------|--------------------------|------|
| ! | Degradation half-lives | Method | Evaluation | Note |
| Marine water | No information available | No information available | No information available | - |
| Fresh water | No information available | No information available | No information available | - |
| Air | No information available | No information available | No information available | - |
| Soil | No information available | No information available | No information available | - |

| Biodegra | adation | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|------|
| % Degradation | Time (days) | Method | Evaluation | Note |
| No information available | No information available | No information available | No information available | - |
| | | | | |
| | | | | |

Bioaccumulative potential 12.3.

Partition coefficient: n-octanol/water (log Kow):

| Value | Concentration | рН | °C | Method | Evaluation | Note |
|---------------------------------|--------------------------|----|----------|--------------------------|--------------------------|--------------------------|
| No informatio n available | No information available | _ | - | No information available | No information available | No information available |
| | | | | | | |
| | | | | | | |

Bioconcentration factor (BCF)

| Value | Species | Method | Evaluation | Note |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| No information available |
| | | | | |
| | | | | |
| | | | | |



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| | Chr | onic ecoto | xicity | | | | | | | |
|-------------------------------------|--------|--------------------|--------------------------------|--|----------------------|----------------------|-------------------------------|-------|-------------------------------|------|
| | Vá | alue | Dose | Exp osu re peri od | Spe | ecies | Meth | od | Evaluation | Note |
| Chroni | c toxi | city on fish | LC ₅₀ | No info rma tion avai labl e | No ii available | nformation | No inform on availab | atı i | No nformation available | - |
| Chroni crustac | | city on aphnia) | EC ₅₀ | No info rma tion avai labl e | No ii available | nformation | No inform on availab | ati i | No nformation available | - |
| | | | | | | | | | | |
| 12.4. | | bility in soi | | | | | | | | |
| | | | dicted distribut | ion in e | nvironmen | tal comparti | ments: | | | |
| | | | n available | | | | | | | |
| | | face tensio | | _ | | | | | | |
| | | Value | °C | Со | ncentratio | n N | /lethod | | | Note |
| | _ | ormation ilable | No information available | | information lable | n No info availab | ormatior le | 1 | - | |
| | Ads | sorption / c | | | | | | | | |
| Transp | ort | | coefficient 's constant | log | g Kow | Evaporatio | n rate | M | 1ethod | Note |
| Soil-water No information available | | No inform | nation | No inforr | mation | No ii | nformation | - | | |
| Soil-wa | ater | available | | availa | | available | | | Die | |



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| Soil-air | air No information available | | No information available | No information available | No information available | - | |
|----------|---|---------------|--------------------------------|--------------------------|--------------------------|---|--|
| | | | | | | | |
| 12.5. | Resu | ılts of PBT a | and vPvB asses | ssment | | | |
| | No information available | | | | | | |
| | | | | | | | |
| 12.6. | Endocrine disrupting properties | | | | | | |
| | 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. | Othe | er adverse e | effects | | | | |
| | No i | nformation | available | | | | |

| SECTIO | 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 |
| | |
| 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: |
| | - |

| SECTION 14. Transport inform | ation |
|------------------------------|---------------|
| Transporting/shipment | by road (ADR) |



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| 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 (RI | D) |
| 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 (IN | MDG) |
| UN number: | Not subject to transport regulations. |
| UN proper shipping name: | - |
| Transport hazard class(es): | - |
| Packing group: | - |
| 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 (ICA | AO-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: | - |



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| Further 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 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline) | | | | |
| | National legislation: | Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological 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 | SECTION 16. Other information | | | | |
|--------|-------------------------------|---|--|--|--|
| 16.1. | Indication of changes: | - | | | |
| 16.2. | Abbreviations and acronyms: | 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 | | | |



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| | | 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. | Relevant H statements (number and full text) | | |
| | H: - | - | |
| 16.5. | Training advice: | - | |
| 16.6. | 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