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| Trading name: | GIEMSA | | | | |
|---------------|---------|----------------|-------------|----------|---|
| Product code: | G-P-X** | Revision date: | 21 Dec 2022 | Version: | 4 |

| SECTI | ON 1 Identification of the subs | tance/mixtur | re and of the company/undertaking | | |
|-------|---|----------------|---|--|--|
| 1.1. | Product identifier | | | | |
| | Substance name: | GIEMSA | | | |
| | Chemical name: | - | | | |
| | Catalogue number: | G-P-X** | | | |
| 1.2. | Relevant identified uses of the substance or mixture and uses advised against | | | | |
| | Uses: | | Romanowsky stain acc. to Pappenheim. | | |
| | 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 | afety data she | et | | |
| | Supplier: | BioGnost I | Ltd. | | |
| | Address: | Medjugor | ska 59, Zagreb | | |
| | Telephone number: | +385 1 24 | 109997 | | |
| | Fax no.: | +385 1 24 | 104039 | | |
| | e-mail of competent person: | msds@bic | ognost.hr | | |
| | National contact person: | - | | | |
| 1.4. | Emergency telephone number | | | | |
| | National Protection and Rescu Directorate: | e | 112 | | |
| | Medical information: | | +385 1 2348 342 | | |
| | Other information: | | - | | |

| SECTIO | CTION 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 cate | Hazard class and category code: Hazard statements*: | | | | |
| | Acute Tox. 4 | | H302 | | | |
| | Eye Irrit. 2 | | H319 | | | |
| 2.1.2. | Additional information | | | | | |
| | - | | | | | |
| *For fu | ıll text of Hazard- and EU Hazard | d-statements: see | Section 16 | | | |
| 2.2. | Label elements | | | | | |
| | Product identification: | GIEMSA | | | | |
| | Identification number: | - | | | | |



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| | Authorisation number: | - |
|------|---|--|
| | Hazard pictograms: | GHS07 |
| | Signal word: | Warning |
| | Hazard statements: | H302 Harmful if swallowed. H319 Causes serious eye irritation. |
| | Precautionary statements: | P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 If swallowed: Call Poison Center or docotr/physician if you feel unwell. 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 | |
| | No known endocrine disrupting Results of PBT and vPvB asse PBT or a vPvB. | |

| CAS/ EC/ Index no. | REACH Registration No | Weight % content (or range) | Name | Classification according to Regulation (EC) No 1272/2008 (CLP) |
|--------------------------------|-----------------------------|-----------------------------------|--|---|
| 17372-87-1/ 241-409-6/ - | - | ≥ 25 % - < 50% | disodium 2-(2,4,5,7-tetrabromo-6-oxido-3-oxoxanthen-9-yl) benzoate | Eye Irrit. 2; H319 |
| 61-73-4/ 200-515-2/ - | - | ≥ 10 % - < 30% | methylene blue | Acute Tox. 4; H302 |

| SECTIO | SECTION 4. First aid measures | | | | |
|--------|-----------------------------------|---|--|--|--|
| 4.1. | Description of first aid measures | | | | |
| | General notes: | - | | | |



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| | | Carry the afflicted person out of the contaminated area into a well- |
|------|------------------------------------|---|
| | Following inhalation: | 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 a | nd 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 | medical attention and special treatment needed |
| | - | |

| SECTIO | SECTION 5. Firefighting measures | | | | |
|--------|--|---|--|--|--|
| 5.1. | Extinguishing media | | | | |
| | Suitable extinguishing media: | Water, foam, dry powder, CO ₂ | | | |
| | 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 of Cool closed containers exposed to | compressed air breathing apparatus and fireproof clothing. o fire with water spray or vapor. | | | |
| 5.4. | Additional information | | | | |
| | Make sure the water used for extir waters system. | nguishing fire does not contaminate water surface or underground | | | |

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



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| | 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 | ods 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: | 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 | t, see Section 13. | |

| SECTIO | ECTION 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 gener | 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 in | compati | ibilities | | |
| | 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: | Manuf | acturer's original packaging. | | |
| | Requirements for storage rooms and vessels: | | n a tightly closed container. Keep in cool, dry and well sted space away from non-compatible substances. | | |



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| | · | , | • | · | |

| | 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 | | | | | | | |
|--|-----------|---------------|-----------|--|--------------------------|-------------------------|-----------------|
| 8.1. Control param | eters | | | | | | |
| Substance | | CAS No | | Occupational exposure limit values/short term values | | Biological limit values | |
| | | | | ppm | mg/m³ | | |
| - | | - | | - | - | | - |
| Does not contain subst | ances re | gulated by | the prof | essional exposi | ure limit values | S. | |
| Substance name: | | | | | | | |
| EC No: - | | CAS No: | - | | | | |
| DNEL | | | | | | | |
| | | | | Industrial | | | |
| Route of | Acu | te | | Acute | Chro | nic | Chronic |
| exposure: | effect | ocal | eff | ect systemic | effect | local | effect systemic |
| Oral - | | | - | | - | | - |
| Inhalation - | | | - | | - | | - |
| Dermal - | | | - | | - | | - |
| Critical physical parame | eters: so | ubility, flan | nmability | , corrosivity: | | | |
| | | | | Consumer | | | |
| Route of | Acu | | | Acute | Chro | nic | Chronic |
| exposure: | effect | ocal | eff | ect systemic | effect | local | effect systemic |
| Oral - | | | - | | - | | - |
| Inhalation - | | | - | | - | | - |
| Dermal | | | | - | | - | |
| PNEC | | | | | | | |
| Environmental protection target | | | | PNEC | | | |
| Fresh water | | | | No informa | No information available | | |
| Freshwater sediments | | | | No informa | ntion available | | |



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| Marine v | vater | N | No information available | | |
|------------|--|--|--|--|--|
| Marine s | ediments | N | lo information available | | |
| Food cha | ain | N | lo information available | | |
| Microorg | ganisms in sewage treatment | N | lo information available | | |
| Soil (agri | icultural) | N | lo information available | | |
| Air | | N | lo information available | | |
| | | | | | |
| 8.2. | Exposure controls | | | | |
| 8.2.1. | Appropriate engineering control | ols | | | |
| | Substance/mixture related mea prevent exposure during identi | | Use personal protective equipment. Do not eat, drink or smoke in the workspace. | | |
| | Structural measures to prevent | exposure: | No information available | | |
| | Organisational measures to pre | event exposure | Organization of work in order to reduce other worker's influence during work process. | | |
| | Technical measures for prevent | ting 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 glass 166). | ses 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 specifications 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: | • | then dust are generated. Recommended filter type: Filter P DIN 3181) for solid and liquid particles of toxic and very ances. | | |



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| 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 | e: 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 | |

| 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: | 300 °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 |
| Lower 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: | poorly soluble in water | 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 |
| Other information | | |



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| 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. Informat | tion on toxicological e | ffects | | | | | | | |
| Acute to | xicity: | | | | | | | | |
| Route of exposure: | Method | Specie | es | Dose LD ₅₀ /LC ₅₀ | | Exposure period | | Result | |
| Oral exposure: | No information available | rat | | LD ₅₀ | | No info | ormation | >2.000 mg/kg | |
| Skin contact: | No information No informavailable available | | mation | No availab | information le | No info available | ormation | - | |
| Inhaling: | No information available | No infor available | mation | No availab | information le | No info available | ormation | - | |
| Specific | target organ toxicity - | · single expos | sure (ST | OT SE): | | | | | |
| | Specific eff | ects | | T | arget organ | | | Note | |
| Oral exposure: | No information avai | able | No ir | nformatio | on available | | - | | |
| Skin contact: | No information avai | able | No information available - | | | | | | |
| Inhaling: | No information avai | able | No information available - | | | | | | |
| Aspiration | on hazard: | No i | nformat | ion avail | able | | | | |
| Irritation | and corrosion | | | | | | | | |
| : | Exposur | e time | Sp | ecies | Evaluation | Method | | Note | |
| Skin corrosion/irritatio | No information | available | No infori availa | mation able | - | No information available | | | |
| Serious eye damage/irritation | No information | available | No infori availa | mation able | - | No information available | No avail | informatior able | |



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| Sensiti | zation | | | | | | | | | | |
|----------------------------------|--------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------|--|--|--|--|--|
| Skin contact: | No information | available | | | | | | | | | |
| Inhaling: | No information | available | | | | | | | | | |
| | | | | | | | | | | | |
| Sympt | oms related to the p | hysical, chemic | al and toxicologi | cal characteristic | cs | | | | | | |
| Oral exposure: | No information | No information available | | | | | | | | | |
| Skin contact: | No information | No information available | | | | | | | | | |
| Inhaling: | No information | No information available | | | | | | | | | |
| Eye contact: | No information | available | | | | | | | | | |
| | | | | | | | | | | | |
| Repea | ted dose toxicity (sul | oacute, subchro | onic, chronic) | | | | | | | | |
| | Dose | Exposure time | Species | Method | Evaluation | Note | | | | | |
| Subacute oral | No information available | No information available | No information available | No information available | No information available | - | | | | | |
| 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 | _ | | | | | |



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| | Snec | ific effects | Target organ | Note | | | | |
|---|--|---------------|--------------------------|------|--|--|--|--|
| Subacute oral | • | tion availabl | | - | | | | |
| Subacute dermal | | tion availabl | | | | | | |
| Subacute inhaling toxicity | | tion availabl | | _ | | | | |
| Subchronic oral | | tion availabl | | | | | | |
| Subchronic dermal toxicity | | tion availabl | | _ | | | | |
| Subchronic inhalation | | tion availabl | | - | | | | |
| Chronic oral | | tion availabl | | | | | | |
| Chronic dermal toxicity | | tion availabl | | | | | | |
| Chronic inhalation | - | | | | | | | |
| <u> </u> | | | | 1 | | | | |
| CMR effects (carcin | nogenicity, mu | tagenicity, r | eproductive toxicity) | | | | | |
| Carcinogenicity: | <u> </u> | | No information available | | | | | |
| Mutagenicity in-vitro: | | No informa | ition available | | | | | |
| Genotoxicity: | | No informa | ition available | | | | | |
| Mutagenicity in-vivo: | | No informa | ition available | | | | | |
| Germ cell mutagenicity: | | No informa | ition available | | | | | |
| Reproductive toxicity: | | No informa | ition available | | | | | |
| | | | | | | | | |
| Summary of eva | aluation of | the CMR | No information available | | | | | |
| | | <u>1</u> | | | | | | |
| 11.2. Information on oth | er hazards: | | | | | | | |
| 11.2.1 Endocrine disruptii | ng properties: | | | | | | | |
| The substance/mi components considisrupting propert Article 57(f) or regulation (EU) 20 Regulation (EU) 20 or higher. | dered to have ies according Commission 17/2100 or C | | | | | | | |
| 11.2.2 Other information: | | | | | | | | |

SECTION 12. Ecological information



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| 12.1. Toxid | city | | 1 | E | | | | | | |
|-----------------------------|-----------------------------------|------------------|-------------------|--------------------------|--------------------------------|----------------------------|-------------------------------|--------------------------------|------------|------|
| Acute (short-toxicity | term) | Dose | Exposur period | | Species | ١ | Method | Evaluation | | Note |
| Fish | | LC ₅₀ | 96 hours | | information available | | No ormation vailable | No information available | n - | |
| Crustacea: | | EC ₅₀ | 48 hours | | information available | | No ormation vailable | No information available | n - | |
| Algae/aquatic plants | | IC ₅₀ | 72 hours | | information available | | No ormation vailable | No informatio available | n - | |
| Microorganis | ms | - | - | - | | - | | - | - | |
| Chronic (long toxicity | Chronic (long-term) Oxicity Dose | | Exposur period | | Species | ١ | Method | Evaluation | | Note |
| Fish | | LC ₅₀ | 96 hours | | information available | | No ormation vailable | No information available | n - | |
| Crustacea: EC ₅₀ | | 48 hours | | information available | | No ormation vailable | No informatio available | 1 - | | |
| Algae/aquatic plants | | IC ₅₀ | 72 hours | | information available | | No ormation vailable | No information available | n - | |
| Microorganis | ms | - | - | - | | - | | - | - | |
| 12.2. Persi | istence a | and degrada | bility | | | | | | | |
| | | adation | , | | | | | | | |
| <u> </u> | | gradation ha | f-lives | | Method | | | Evaluation | | Note |
| Marine water | No in | formation av | ailable | No infor | mation availa | ble | No infor | mation availa | ıble | - |
| Fresh water | No in | formation av | ailable | No infor | mation availal | ble | No infor | mation availa | ıble | - |
| Air | No in | formation av | ailable | No infor | mation availal | ble | No infor | mation availa | ıble | - |
| Soil | No in | formation av | ailable | No infor | mation availa | ble | No infor | mation availa | ble | - |
| ı | | | | | | | | | | |
| Biod | egradat | ion | | | | - | | į | | |
| % Degradation | on | Time | e (days) | | Method | | Evaluatio | on | N | lote |
| No information | on No | o information | available | | No information available | | No informa vailable | tion - | | |



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| | | | | | | | 7 | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 12.3. | Bioac | cumul | lative pote | ential | | | | | | | | |
| | Partit | ion co | efficient: | n-octano | ol/wate | er (log Ko | ow): | | | | i | |
| Va | Value Concentration | | n p | Н | °C | Method | | Evalu | uation | Note | | |
| No information available | | nformatio able | n _ | - | _ : | No information Ivailable | 1 | No infor | | No informatio available | n | |
| | | | | | | | | | | | | |
| | Bioco | ncent | ration fact | tor (BCF) | | | | | | | | |
| | Value | | | pecies | | N | /lethod | | Evaluat | tion | Note | |
| No information No informat available available | | · | | | rmation | No information available | | tion | No information available | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Chro | nic ecc | otoxicity | | 2 | | | | | | | |
| | Chro | | otoxicity | Dose | | oosure eriod | Species | | Method | Evaluatio | n Not | e |
| Chroni | i | ue | | Dose C ₅₀ | Pe No | eriod mation | Species No information available | | | Evaluatio - | n Not | e |
| Chroni | Valu | ue ty on f ty on | ish L | | No infor avail | rmation able | No information | | | Evaluatio | n Not | e |
| Chroni | Valuic toxicii ic toxicii ic toxicii cea (Daj | ue ty on f ty on ohnia) | ish L | C ₅₀ | No infor avail No infor | rmation able | No information available No information | | | Evaluatio | - | e |
| Chroni | Valuic toxicii cea (Dal | ue ty on f ty on phnia) | ish L E | C ₅₀ | No infor avail No infor avail | rmation able rmation able | No information available No information available | - | | Evaluatio | - | e |
| Chroni | Valuic toxicionic toxicionic toxicionic de la (Dapare Mobile Know | ue ty on f ty on ohnia) ility in wn or p | ish L E soil | C ₅₀ | No infor avail No infor avail | rmation able rmation able | No information available No information | - | | Evaluatio | - | e |
| Chroni | Valuic toxicii ic toxicii cea (Daj Mobi Know | ty on f ty on phnia) ility in vn or p | soil oredicted oution availa | C ₅₀ | No infor avail No infor avail | rmation able rmation able | No information available No information available | - | | Evaluatio | - | e |
| Chroni | Valuic toxiciric toxicircea (Dapo Mobio Know No ir Surfa | ue ty on f ty on ohnia) ility in wn or p | soil oredicted oution availa | C ₅₀ | No infor avail No infor avail | rmation able rmation able | No information available No information available | - tme | | Evaluatio | - | e |



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| Trading name: | GIEMSA | | | | | | |
|---------------|---------|----------------|-------------|----------|---|--|--|
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| | · | | | | | |
|----------|----------------------------------|---|--------------------------------|--------------------------|--------------------------|------|
| | | | | | | |
| | Adso | rption / desorption | | | | |
| Transpo | ort | A/D coefficient Henry's constant | log Kow | Evaporation rate | Method | Note |
| Soil-wa | ater | No information available | No information available | No information available | No information available | - |
| Water- | air | No information available | No information available | No information available | No information available | - |
| Soil-air | oil-air No informatior available | | No information available | No information available | No information available | - |
| | i | | | | | |
| 12.5. | Resul | ts of PBT and vPvB asse | ssment | | | |
| | No in | formation available | | | | |
| | | | | | | |
| 12.6. | Endo | crine disrupting propert | ies | | | |
| | accor | ubstance/mixture does ding to REACH Article 5 lation (EU) 2018/605 at | 7(f) or Commis | sion Delegated regula | | |
| | | | | | | |
| 12.7. | Othe | r adverse effects | | | | |
| | No in | formation available | | | | |

| 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 |
| | |
| 13.1.4. | Sewage disposal – relevant information: |



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| | 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 information | | | | |
|-------------------------------------|---------------------------------------|--|--|--|
| 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 (R | ID) | | | |
| 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: | - | | | |



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| Trading name: GIEMSA | | | IEMSA | | |
|----------------------|---------|----------------|-------------|----------|---|
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| | | · | | | · |

| 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 (IC | 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: | - |
| | |
| Further information: - | |

| 15.1. | Safety, health and environmental regulations/legislation specific for the substance or mixture | | | |
|-------|--|---|--|--|
| | EU regulations | | | |
| | Authorization and/or re | strictions 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 1 guideline) | 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 | | |



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| Trading name: | | GI | EMSA | | |
|---------------|---------|----------------|-------------|----------|---|
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| | | 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 assessme | ent |
| | None | |

| SECTIO | ION 16. Other information | | | | |
|--------|--|-------------------|--|--|--|
| 16.1. | Indic | ation 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. | . Relevant H statements (number and full text) | | r and full text) | | |
| | H: | 302 319 | Harmful if swallowed. Causes serious eye irritation. | | |
| 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. | | |

Exposure scenario resulting to Chemical safety assessment