# Safety Data Sheet (according to 1907/2006/EC, Article 31)

**CRYO#20 | Revision: 2.0 | Revision date: 28/April/2026**

| Catalog number | Product name |
|---|---|
| hC002-*XXXX* | Whole blood processing kit (human)/Gen2 |
| mC002-*XXXX* | Whole blood processing kit (murine)/Gen2 |
| *WBFL002-XXX* | Fix&Lyse kit/Gen2 |
| | **Component** |
| hC002-*XXXX* -C020 | CRYO#20 |
| mC002-*XXXX* -C020 | CRYO#20 |
| *WBFL002-XXXX-C020* | CRYO#20 |

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| *XXXX* | *Corresponds to variable kit size* |

| **Section 1: Identification of the substance/mixture and of the company/undertaking** | | | |
|---|---|---|---|
| **1.1. Product identifier** | | | |
| Product name: | CRYO#20 | | |
| Product number: | WBFL002-*XXXX*-C020<br>hC002-*XXXX* -C020 *(will be discontinued)*<br>mC002-*XXXX* -C020 *(will be discontinued)* | | |
| Brand: | Cytodelics | | |
| **1.2. Relevant identified uses of the substance or mixture and uses advised against** | | | |
| Identified uses: | Sample stabilization and washing after fixation with formaldehyde-based fixative solutions; research use only | | |
| **1.3. Details of the supplier of the safety data sheet** | | | |
| Company: | Cytodelics AB | | |
| | Forskargatan 20J | | |
| | 151 36 Södertälje | | |
| | Sweden | | |
| Telephone: | +46(0) 708517856 | | |
| Fax: | Not available | | |
| Email: | info@cytodelics.com | | |
| **1.4. Emergency telephone number** | | | |
| Emergency phone: | In case of a chemical emergency, spill, fire, or exposure | | |
| | **Country** | **Phone numbers** | |
| | Australia | 1800 127 406 | +64 4 917 9888 |
| | New Zealand | 0800 764 766 | 0800 243 622 |
| | Finland | +358 9 471 977 | 09 4711 |
| | Sweden | 112 | |
| | Norway | +47 22 59 13 00 | 113 |
| | Denmark | +45 82 12 12 12 | |
| | Czech Republic | +420 224 919 293 | +420 224 915 402 |
| | France | +33 1 45 42 59 59 | |
| | Spain | +34 91 562 04 20 | 112 |
| | Mexico | 800 00 214 00 | +52 55 5598 6659 |
| *For poison-centre numbers in additional jurisdictions, refer to the Cytodelics Emergency Telephone Numbers reference (master v2.0, last verified 2026-04-28).* | | | |
| **Section 2: Hazards identification** | | | |
| **2.1. Classification of the substance or mixture** | | | |
| Classification according to Regulation (EC) No 1272/2008 (CLP):<br>**None of the mixture's components meets the criteria for classification in accordance with Regulation No 1272/2008/EC.** | | | |
| | | | |
| **GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)** | The product is not classified according to the Globally Harmonized System (GHS). | | |
| **Classification – EC 1272/2008** | The product is not classified according to the CLP regulation. | | |

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| **2.2. Label elements** | |
| **Hazard pictograms:** | *Not applicable* |
| **Signal word:** | *Not applicable* |
| **Hazard statements:** | *Not applicable* |
| **Precautionary statements:** | *Not applicable* |
| **2.3. Other hazards** | *Not applicable* |
| | |

## Section 3: Composition/information on ingredients

**3.1. Substances** (EC 1272/2008): Not applicable

**3.2. Mixtures**

| Identification name | Index number in CLP Annex VI | CAS number | EC number | Weight % content (or range) |
|---|---|---|---|---|
| Disodium phosphate | No data available | 7558-79-4 | 231-448-7 | <1% |
| Potassium phosphate monobasic | No data available | 7778-77-0 | 231-913-4 | <1% |
| Sodium chloride | No data available | 7647-14-5 | 231-598-3 | <1% |
| Potassium Chloride | No data available | 7447-40-7 | 231-211-8 | <0.1% |
| Proclin 300 | No data available | N/A | 932-593-5 | <0.1% |

## Section 4: First aid measures

### 4.1. Description of first aid measures

*Note: classification based on significantly more concentrated formulations.*
Medical complications listed below may occur with unforeseeable extreme exposure like e.g. ingestion of very large amounts of the mixture or extremely long skin exposure to large volumes of the mixture.

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| **Inhalation:** | If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Keep patient warm. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention. |
| **Eye contact:** | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. May cause irritation, redness, pain, and tearing. Seek medical attention. |
| **Skin contact:** | Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| **Ingestion:** | If swallowed, drink plenty of water, do NOT induce vomiting. Get immediate medical attention. Induce vomiting only at the instructions of a physician. Do not give anything by mouth to unconscious or convulsive person. |
| **General information:** | If you feel unwell, seek medical advice (show the label where possible). |

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

None further relevant information available.

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

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| All treatment should be based on observed sign and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. | |
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| **Section 5: Fire-fighting measures** | |
| **5.1. Extinguishing media** | |
| Suitable extinguishing media: | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media: | No information available |
| **5.2. Special hazards arising from the substance or mixture** | No information available |
| **5.3. Advice for fire-fighters** | Wear self-contained respiratory protective device. In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing. |
| | |
| **Section 6: Accidental release measures** | |
| **6.1. Personal precautions, protective equipment and emergency procedures** | Wear suitable protective clothing. Avoid breathing vapors, mist or gas. Avoid formation of dust. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Avoid breathing dust. For personal protection see section 8. |
| **6.2. Environmental precautions** | Prevent further spillage if safe. Do not allow product to enter drains. Discharge into the environment must be avoided. |
| **6.3. Methods and material for containment and cleaning up** | Do not flush to sewer. Soak up with inert absorbent material. Transfer to suitable, labeled containers for disposal. Dispose of in accordance with local regulations. |
| **6.4. Reference to other sections** | See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal. |
| | |
| **Section 7: Handling and storage** | |
| **7.1. Precautions for safe handling** | Ensure good ventilation/exhaustion at the workplace. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Do not ingest. As with all chemicals, wash hands thoroughly after handling. Protect from freezing and physical damage. Store away from strong oxidizing agents. |
| **7.2. Conditions for safe storage, including any incompatibilities** | Keep containers tightly closed in a dry, temperature controlled (20-25 ˚C) and well-ventilated place. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage. |
| **7.3. Specific end use(s)** | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. |
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| **Section 8: Exposure controls/personal protection** | |
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| **8.1. Control parameters** | |
| **Exposure limit values** | **Not applicable.** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| **8.2. Exposure controls** | |
| Appropriate engineering controls | Handle in accordance with good industrial hygiene and safety practice. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of the working day. Ensure adequate ventilation of the working area. Remove all soiled and contaminated clothing immediately. Safety showers, eye wash stations and hand-washing equipment should be available. |
| Eye/ face protection | Wear splash resistant safety goggles with a face shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. |
| Skin/ hand protection | Wear suitable protective clothing and gloves to avoid skin contact. |
| Respiratory protection | Under conditions of frequent use or heavy exposure, respiratory protection may be needed |
| Environmental exposures controls | For details see Section 6. |
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| **Section 9: Physical and chemical properties** | |
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| **9.1. Information on basic physical and chemical properties** | |
| a) Appearance | Form: liquid; |
| b) Odour | No data available |
| c) Odour Threshold | No data available |
| d) pH | No data available |
| e) Melting point/freezing point | No data available |
| f) Initial boiling point and boiling range | No data available |
| g) Flash point | No data available |
| h) Evaporation rate | No data available |
| i) Flammability (solid, gas) | No data available |
| j) Upper/lower flammability or explosive limits | No data available |
| k) Vapour pressure | No data available |
| l) Vapour density | No data available |
| m) Relative density | Approx. 1.0 g/cm$^3$ at 20 ˚C |
| n) Water solubility | Freely soluble |
| o) Partition coefficient: n- octanol/water | No data available |
| p) Auto-ignition temperature | No data available |
| q) Decomposition temperature | No data available |
| r) Viscosity | No data available |
| s) Explosive properties | No data available |

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| t) Oxidizing properties | No data available |
| | |
| **9.2 Other information** | |
| Hazardous chemical reactions: | No data available |
| The substance polymerize in contact with: | No data available |
| The substance can react dangerously with: | No data available |
| | |
| **Section 10: Stability and reactivity** | |
| **10.1. Reactivity** | No data available |
| **10.2. Chemical stability** | Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| **10.3. Possibility of hazardous reactions** | No data available |
| **10.4. Conditions to avoid** | Incompatible products |
| **10.5. Incompatible materials** | Strong oxidizing agents |
| **10.6. Hazardous decomposition products** | None under normal conditions |
| | |
| **Section 11: Toxicological information** | |
| **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008** | |
| Acute toxicity | EDTA: lowest reported toxic effect in animals was 750 mg/kg/day (less than 10g contained in this product); it is poorly absorbed from GI tract[1]. |
| Skin corrosion/irritation | No data available |
| Serious eye damage/irritation | Potentially it may cause mild eye irritation.<br>Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of persistent problems contact a physician. |
| Respiratory or skin sensitization | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity | No data available |
| Reproductive toxicity | No data available |
| STOT-single exposure | No data available |
| STOT-repeated exposure | No data available |
| Aspiration hazard | No data available |
| **11.2. Information on other hazards** | |

[1] Int J Toxicol. 2002;21 Suppl 2:95-142

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| Endocrine disrupting properties | None of the components are identified as endocrine disruptors for human health under the criteria of Commission Delegated Regulation (EU) 2017/2100 or (EU) 2018/605 at concentrations triggering classification. |
| **Section 12: Ecological information** | |
| **12.1. Toxicity** | |
| | |
| **12.2. Persistence and degradability** | No data available |
| **12.3. Bioaccumulative potential** | No data available |
| **12.4. Mobility in soil** | No data available |
| **12.5. Results of PBT and vPvB assessment** | No data available |
| **12.6. Endocrine disrupting properties** | Not classified as an endocrine disruptor for the environment under the criteria of Commission Delegated Regulation (EU) 2017/2100 / (EU) 2018/605 at concentrations triggering classification. |
| **12.7. Other adverse effects** | No data available |
| | |
| **Section 13: Disposal considerations** | |
| **13.1. Waste treatment methods** | |
| Product / Packaging disposal:<br>Waste codes / waste designations according to LoW: | Contaminated packaging dispose as unused product. |
| 13.1.2 Waste treatment-relevant information: | Dispose of in compliance with all local and national regulations. Contact a licensed waste disposal company. Dispose of this material and its container to hazardous or special waste collection point. |
| 13.1.3 Sewage disposal-relevant information: | Do not allow to reach sewage water or drainage ditch. |
| 13.1.4 Other disposal recommendations: | No data available |
| | |
| **Section 14: Transport information** | |
| **14.1. UN number** | Not classified as dangerous in the meaning of transport regulations. |
| **14.2. UN proper shipping name** | None |
| **14.3. Transport hazard class(es)** | None |
| **14.4. Packing group** | None |
| **14.5. Environmental hazards** | Also refer to Section 6. |

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| **14.6. Special precautions for user** | Not applicable |
| **14.7. Maritime transport in bulk according to IMO instruments** | Not applicable |
| | |
| **Section 15: Regulatory information** | |
| **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture** | All components of this product are on the ECHA public inventory.<br>All components listed in the Australian Inventory of Chemical Substances (AICS).<br>Labelling according to Regulation (EC) No 1272/2008.<br>This safety datasheet complies with the requirements of Commission Regulation (EU) 2015/830. |
| **15.2. Chemical safety assessment** | No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier. |
| | |
| **Section 16: Other information** | |
| | |

Only trained personnel should use this material. To the best of our knowledge, the information contained herein is accurate. However, neither Cytodelics, nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

| **Additional information** | |
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ECHA information on registered substances
http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances
OECD eChemPortal
http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
IFA GESTIS database on hazardous substances
http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp
IFA-International limit values
http://limitvalue.ifa.dguv.de/
EDTA environmental threat potential
http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0100-40422003000600020