

| SECTION 1: IDENTIFICATION OF SUBSTANCE/ MIXTURE AND OF THE COMPANY | |
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| 1.1 Product identifier | <p>Product name: QuikPath SARS-CoV-2 Isothermal RT- PCR Kit</p> <p>Lot#: 21020001</p> <p>Kit components:</p> <ul style="list-style-type: none"> ● Test Kits ● Package insert (PI) ● Information for use (IFU) ● Certificate of Analysis (CoA) ● Safety Data Sheet (SDS) ● Colour Chart Record sheet |
| 1.2 Intended use | Single-use in vitro diagnostic test kit. For qualified laboratory personnel use only |
| 1.3 Company identification | <p>QuikPath Pte. Ltd.</p> <p>21 Bukit Batok Crescent, #07-82, Singapore 658065</p> <p>Email: info@quikpath.sg</p> <p>Website: www.quikpath.sg</p> |
| 1.4 Emergency telephone number | (+65) 93729144 |
| SECTION 2: HAZARDS IDENTIFICATION | |
| 2.1 Classification of the substance/mixture | Not classified as hazardous |
| 2.2 Label elements | <p>Hazard pictograms: Not applicable</p> <p>Signal word: Not applicable</p> <p>Hazardous components for labelling: Not classified as hazardous</p> <p>Precautionary statements: None</p> |
| 2.3 Other Hazards | <p>Causes mild skin irritation</p> <p>3% of the mixture consists of ingredient(s) of unknown toxicity</p> |
| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS | |
| 3.1 Mixture | <p>Substance: The product contains no substances which at their given concentration, are hazardous to health</p> <p>Dangerous components: The product does not contain reportable quantities of dangerous components.</p> <p>Additional information: Not applicable</p> |
| SECTION 4: FIRST AID MEASURES | |

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| 4.1 Description of first aid measures | <p>After Inhalation: Remove to fresh air.</p> <p>After Swallowing: Clean mouth with water and drink afterwards plenty of water.</p> <p>After contact with eyes: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.</p> <p>After contact with skin: Wash skin with soap and water</p> |
| 4.2 Most important symptoms and effects, both acute and delayed | <p>None known</p> |
| 4.3 Indication of any immediate medical attention and special treatment needed | <p>None known</p> |
| SECTION 5: FIRE FIGHTING MEASURES | |
| 5.1 Extinguishing measures | <p>Suitable extinguishing media: The common fire extinguish media such as CO₂, powder or water spray can be used. Large fires should be confronted with water spray or alcohol resistant foam.</p> |
| 5.2 Most important symptoms and effects, both acute and delayed | <p>Not applicable</p> |
| 5.3 Indication of any immediate medical attention and special treatment needed | <p>None known</p> |
| 5.4 Additional information | <p>Advice to fire-fighters: Wear full protective suit and self-contained breathing apparatus when extinguishing fires.</p> |
| SECTION 6: ACCIDENTAL RELEASE MEASURES | |
| 6.1 Personal precaution, protective equipment, and emergency procedures | <p>Avoid direct contact with skin, eyes, mucous membranes and clothing by wearing appropriate lab personal protective equipment (PPE) including gloves, lab coat and eye/face protection.</p> <p>Ensure adequate ventilation.</p> |
| 6.2 Environmental precautions | <p>Avoid release to the environment</p> |
| 6.3 Methods and material for containment and cleaning-up | <p>Use a liquid-binding material to absorb spillage, collect material and dispose in appropriate waste containers. Make sure the spilled area is well ventilated after clean-up procedures have taken place.</p> |
| 6.4 Reference to other sections | <p>Collect material and dispose as waste according to section 13.</p> |
| SECTION 7: HANDLING AND STORAGE | |
| 7.1 Precautions for safe handling | <p>Handle in accordance with good industrial hygiene and safety practice.</p> <p>Maintain general hygiene measures such as wash hands after use.</p> <p>Do not eat or drink in the area where specimens & kits are handled.</p> <p>Keep out of reach of children</p> |
| 7.2 Conditions for safe storage, including any incompatibilities | <p>Test cartridges are shipped at 2- 4 °C and stored at -20°C, based on manufacturer recommendations.</p> |

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| 7.3 Specific use (s) | Use as per instructions for use. |
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 8.1 Control parameters | 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 | <p>Emergency showers.</p> <p>Eyewash stations.</p> <p>Ventilation systems.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="padding: 2px;">General protective & hygienic measures</td> <td style="padding: 2px;">Adhere to good laboratory practices (GLP)</td> </tr> <tr> <td style="padding: 2px;">Respiratory protection</td> <td style="padding: 2px;">Masks</td> </tr> <tr> <td style="padding: 2px;">Protective gloves</td> <td style="padding: 2px;">Disposable gloves</td> </tr> <tr> <td style="padding: 2px;">Material of gloves</td> <td style="padding: 2px;">Latex/natural rubber or Nitrile</td> </tr> <tr> <td style="padding: 2px;">Penetration time of glove material</td> <td style="padding: 2px;">Glove resistance is not critical when product is handled according to instructions of use</td> </tr> <tr> <td style="padding: 2px;">Eye protection</td> <td style="padding: 2px;">Safety glasses</td> </tr> <tr> <td style="padding: 2px;">Body protection</td> <td style="padding: 2px;">Laboratory coat</td> </tr> </table> | General protective & hygienic measures | Adhere to good laboratory practices (GLP) | Respiratory protection | Masks | Protective gloves | Disposable gloves | Material of gloves | Latex/natural rubber or Nitrile | Penetration time of glove material | Glove resistance is not critical when product is handled according to instructions of use | Eye protection | Safety glasses | Body protection | Laboratory coat |
| General protective & hygienic measures | | Adhere to good laboratory practices (GLP) | | | | | | | | | | | | | |
| Respiratory protection | | Masks | | | | | | | | | | | | | |
| Protective gloves | | Disposable gloves | | | | | | | | | | | | | |
| Material of gloves | Latex/natural rubber or Nitrile | | | | | | | | | | | | | | |
| Penetration time of glove material | Glove resistance is not critical when product is handled according to instructions of use | | | | | | | | | | | | | | |
| Eye protection | Safety glasses | | | | | | | | | | | | | | |
| Body protection | Laboratory coat | | | | | | | | | | | | | | |
| 8.2.1. Appropriate engineering controls: | | | | | | | | | | | | | | | |
| 8.2.2. Personal protective equipment: | | | | | | | | | | | | | | | |
| 8.2.3. Environment exposure controls: | No special precautions/measures are needed. See section 6 and 7. | | | | | | | | | | | | | | |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| 9.1 Information on basic physical and chemical properties | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace |
| Physical state | Liquid |
| Colour | Clear and some test liquid is yellow |
| Odour | No odour |
| Odour threshold (ppm) | Not applicable |
| Flash point (°C) | Not determined |
| Self-igniting | Product is not known to self-igniting |
| Danger of explosion | There is no substance in the kit that could lead to the danger of explosion |
| Melting point (°C) | Not determined |
| Boiling point (°C) | Not determined |
| Evaporation rate | Not applicable |
| Vapour pressure (pascal) | Not applicable |
| Vapour density (Air = 1) | Not applicable |
| Density (20°C) | Not determined |
| pH value at 20°C | Not determined |
| Solubility in water | The product is not soluble in water |
| Viscosity (mPa.s) | Not applicable |
| Oxidizing properties | Not determined |
| 9.2 Other information | Not available |

SECTION 10: STABILITY AND REACTIVITY

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| 10.1 Reactivity | The product is stable in accordance with the recommended storage conditions. |
| 10.2 Chemical stability | Sample stability has been established for temperatures between 2-4 °C for 24 hours. |

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| 10.3 Possibility of hazardous reactions | None known. |
| 10.4 Conditions to avoid | High humidity and temperature out of -20 °C to 30 °C. |
| 10.5 Incompatible materials | None known. |
| 10.6 Hazardous decomposition products | None known. |

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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| Acute toxicity | Quantitative data on the toxic effects of this product is not available |
| Irritation | Irritation to skin and eyes |
| Corrosivity | Corrosive to eyes, harmful if swallowed |
| Sensitization | Not yet investigated |
| Repeated dose toxicity | Not yet investigated |
| Carcinogenicity | Not yet investigated |
| Mutagenicity | Not yet investigated |
| Toxicity for reproduction | Not yet investigated |
| Inhalation | Not yet investigated |
| Aspiration hazard | Not yet investigated |
| Acute toxicity | Quantitative data on the toxic effects of this product is not available |
| Irritation | Irritation to skin and eyes |
| Corrosivity | Corrosive to eyes, harmful if swallowed |
| Sensitization | Not yet investigated |
| Repeated dose toxicity | Not yet investigated |
| Carcinogenicity | Not yet investigated |
| Mutagenicity | Not yet investigated |

SECTION 12: ECOLOGICAL INFORMATION

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| 12.1 Toxicity | Not known. |
| 12.2 Persistence and degradability | Not known. |
| 12.3 Bioaccumulation | No data available. |
| 12.4 Mobility in soil | No data available. |
| 12.5 Results of PBT and vPvB assessment | PBT/vPvB assessment not available as chemical safety assessment not required/not conducted. |
| 12.6 Other adverse effects | No data available. |

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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| Product: | Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information. |
| European waste catalogue: | 18 01 03 wastes whose collection and disposal is subject to special requirements in order to prevent infection. |

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| Packaging: | <p>Disposal must be made in accordance with local waste management regulations. Contaminated packaging must be disposed of in the same manner as the product.</p> <p>Non-Contaminated packaging materials may be recycled. Contact your local service providers for further information.</p> |
| SECTION 14: TRANSPORT INFORMATION | |
| 14.1 UN number | Not applicable. |
| 14.2 UN proper shipping name | Not applicable. |
| 14.3 Transport hazard class | Not classified as dangerous for transport. |
| 14.4 Packing group | Not applicable. |
| 14.5 Environmental hazards | Not applicable. |
| 14.6 Special precautions for user | Not applicable. |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |
| SECTION 15: REGULATORY INFORMATION | |
| 15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture | Not regulated. |
| 15.2 Chemical Safety Assessment | Not yet determined. |
| SECTION 16: OTHER INFORMATION | |
| 16.1 General information | <p>The potential for adverse health effects is unknown for the highly diluted, small volumes of substances in this kit, but is unlikely if handled appropriately with the requisite Good Laboratory Practices and Universal Precautions. This material and its container must be disposed of in a safe way and in accordance with local, regional, national and international regulations. The information and recommendations presented in this MSDS are based on sources believed to be accurate. It is the user's responsibility to determine the suitability of the information for their purposes. To the best of our knowledge the information contained here is accurate. However, neither the above-named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein.</p> |