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Rev. 01

SDS PN: 101-850-000

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| 1. PRODUCT AND COMPANY IDENTIFICATION | | | | |
| 1.1 Product Identifier | | | | |
| Product Name | Sequencing Primer v2 | | | |
| Part Number(s) | 101-847-900 | | | |
| Other means of identification | This product is a kit box containing 1 reagent tube. | | | |
| | Subcomponent Name | Part # | # | Cap Color |
| | Sequencing Primer v2 | 001-560-740 | 1 | Lt Blue |
| 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against | | | | |
| Identified Use | For use with SMRTbell® template preparation. | | | |
| Restrictions on Use | FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. | | | |
| 1.3 Details of the Supplier of the Substance or Mixture | | | | |
| Supplier Name and Address | Pacific Biosciences of California, Inc. 1305 O'Brien Drive Menlo Park, CA 94025 U.S.A www.pacificbiosciences.com | | | |
| Supplier phone | +1 650-521-8000 | | | |
| 1.4 Emergency Telephone Number | | | | |
| Within USA & Canada | Call CHEMTREC 1-800-424-9300 (reference CCN# 656805) | | | |
| Outside USA and Canada | techsupport@pacb.com | | | |
| 2. HAZARD(S) IDENTIFICATION | | | | |
| 2.1 Classification of the substance or mixture | | | | |
| Not a hazardous substance or mixture. ¹ | | | | |
| 2.2 GHS Label Elements and precautionary statements | | | | |
| Not a hazardous substance or mixture. | | | | |
| 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS | | | | |
| None | | | | |
| 3. COMPOSITION / INFORMATION ON INGREDIENTS | | | | |
| 3.1 Substances | | | | |
| Common Name and Synonyms | Sequencing Primer v2 | | | |
| CAS Number | None | | | |
| Other unique identifiers | None | | | |
| 3.2 Hazardous components | | | | |
| No ingredients are hazardous according to OSHA or GHS criteria. | | | | |
| 4. FIRST AID MEASURES | | | | |
| 4.1 Description of First Aid Measures | | | | |
| General advice | Consult a physician. Show this safety data sheet to the physician. | | | |
| If inhaled | If breathed in, move person into fresh air. If not breathing, give artificial respiration | | | |
| In case of skin contact | Wash off with water. | | | |
| In case of eye contact | Flush eyes with water. | | | |
| If swallowed | Never give anything by mouth to an unconscious person. Rinse mouth with water. | | | |

¹ Classification in accordance with 29CFR1910 (OSHA HCS) and UN Globally Harmonized system of classification and labelling of chemicals

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| 4.2 | Most important symptoms/effects, both acute and delayed | No data available. Refer to section 2.2 and section 11 for additional information. |
| 4.2 | Indication of any immediate medical attention and special treatment needed | No data available |
| 5. | FIRE-FIGHTING MEASURES | |
| 5.1 | Suitable Extinguishing Media | Dry chemical, carbon dioxide, foam or water. |
| 5.2 | Special hazards arising from the substance or mixture | Combustion will produce oxides of carbon and nitrogen. |
| 5.3 | Advice for firefighters (special protective equipment or precautions) | Wear self-contained breathing apparatus for fire-fighting as necessary. |
| 6. | ACCIDENTAL RELEASE MEASURES | |
| 6.1 | Personal precautions, protective equipment and emergency procedures | Avoid breathing vapors, mists or gas. For personal protection see section 8.0. |
| 6.2 | Environmental precautions | Avoid release to the environment. Report spills and releases as required to appropriate authorities. |
| 6.3 | Methods and materials for cleanup | Wear personal protective equipment, wipe up with paper towel (or similar), and contain in closed containers. |
| 6.4 | Reference to other sections | For disposal see section 13. |
| 7. | HANDLING AND STORAGE | |
| 7.1 | Precautions for safe handling | Utilize standard good lab practices. Use in a well-ventilated area and wear standard PPE. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Keep containers tightly closed at the recommended storage temperature. |
| 8. | EXPOSURE CONTROLS / PERSONAL PROTECTION | |
| 8.1 | Control Parameters | Contains no substances with occupational exposure limit values. |
| 8.2 | Exposure Controls | Appropriate engineering controls: General industrial hygiene practice. No special ventilation required for normal use |
| | | Personal Protective Equipment (PPE): |
| | Eye/Face Protection | Safety glasses |
| | Skin and Body Protection | Latex or nitrile gloves; lab coat /apron |
| | Respiratory Protection | None required |
| 9. | PHYSICAL AND CHEMICAL PROPERTIES | |
| 9.1 | Information on basic physical and chemical properties | |
| | Appearance | Clear colorless liquid. |
| | Odor | None |
| | Odor Threshold | Not applicable |
| | pH | 7.0-8.0 |
| | Melting point/freezing point | No data available |
| | Initial boiling point and boiling range | No data available |
| | Flash point | No data available |
| | Evaporation rate | No data available |
| | Flammability (solid, gas) | No data available |
| | Upper/lower flammability or explosive limit | No data available |

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| Vapor pressure | No data available |
| Relative density | No data available |
| Solubility(ies) | No data available |
| Partition coefficient: n-octonal/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | No data available |
| 10. STABILITY AND REACTIVITY | |
| Reactivity | This product is not reactive under normal conditions of storage and use. |
| Chemical Stability | Stable under recommended storage conditions. |
| Possibility of Hazardous Reactions | No data available |
| Conditions to Avoid | No data available |
| Incompatible Materials | Avoid contact with strong oxidizers |
| Hazardous Decomposition Products | No data available. In the event of fire see section 5. |
| 11. TOXICOLOGICAL INFORMATION | |
| 11.1 Information on likely routes of exposure | |
| The most likely route of exposure is via skin or eye contact. Exposure via inhalation or ingestion is less likely. | |
| 11.2 Symptoms related to the physical, chemical and toxicological characteristics | |
| No data available | |
| 11.3 Delayed and immediate effects and also chronic effects from short and long-term exposure | |
| Eyes | No data available |
| Skin | No data available |
| Inhalation | No data available |
| Ingestion | No data available |
| Chronic Effects | No data available |
| Aggravated Medical Conditions | No data available |
| Interactions with other Chemicals | No data available |
| 11.4 Numerical measures of toxicity | |
| Acute toxicity | No data available |
| Skin corrosion/irritation | No data available |
| Serious eye damage/irritation | No data available |
| Respiratory or skin sensitization | No data available |
| Germ cell mutagenicity | No data available |
| Reproductive toxicity | No data available |
| Specific target organ toxicity | No data available |
| 11.5 Carcinogenicity | |
| No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP or OSHA. | |
| 12. ECOLOGICAL INFORMATION | |
| Ecotoxicity | No data available |
| Persistence and Degradability | No data available |
| Bioaccumulative Potential | No data available |
| Mobility in soil | No data available |
| Results of PBT and vPvB Assessment | None Required |
| Other adverse effects | No data available |

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| 13. DISPOSAL CONSIDERATIONS | |
| Dispose all waste in accordance with local, regional and national regulations. | |
| Product | See above |
| Contaminated Packaging | See above |
| US EPA Waste Number | No EPA ID number. Not regulated as a US federal hazardous waste. Not regulated under Title 22 as a California hazardous waste. |
| 14. TRANSPORT INFORMATION | |
| Transportation of this product is not regulated under ICAO, IMDG or US DOT. | |
| 15. REGULATORY INFORMATION | |
| 15.1 USA Federal Regulations | |
| SARA 302 | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302 |
| SARA 313 | This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313 |
| SARA 311/312 | No SARA hazards |
| TSCA | Research use only |
| 15.2 USA State Regulations | |
| CA Prop 65 | This product does not contain any chemicals known to the State of California to cause cancer or adverse reproductive health effects |
| 16. OTHER INFORMATION | |
| Prepared By | Pacific Biosciences of California, Inc. Environment, Health and Safety 1305 O'Brien Drive Menlo Park, CA 94025 U.S.A. safety@pacb.com |
| Further Information | <p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. It is not a warranty or quality specification. This information relates only to the specific material designated and may not be valid for use in combination with any other material or in any other process.</p> <p>For Research Use Only. Not for use in diagnostic procedures. © Copyright 2019, Pacific Biosciences of California, Inc. All right reserved. Information in this document is subject to change without notice. Pacific Biosciences assumes no responsibility for any errors or omissions in this document. Certain notices, terms, conditions and/or use restrictions may pertain to your use of Pacific Biosciences products and/or third-party products. Please refer to the applicable Pacific Bioscience Terms and Conditions of Sale and to the applicable license terms at http://www.pacb.com/legal-and-trademarks/product-license-and-use-restrictions/.</p> <p>Pacific Biosciences, the Pacific Biosciences logo, PacBio, SMRT, SMRTbell, Iso-Seq, and Sequel are trademarks of Pacific Biosciences. BluePippin and SageELF are trademarks of Sage Science. NGS-go and NGSengine are trademarks of GenDx. FEMTO Pulse and Fragment Analyzer are trademarks of Agilent Technologies. All other trademarks are the sole property of their respective owners.</p> |