



SECTION 1: IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 Product name:** REDx™FLOQ® Swab Positive and Negative Controls
- 1.2 Products codes:** Refer to Appendix 1
- 1.3 Supplier details:** Microbix Biosystems Inc.
Address: 265 Watline Avenue, Mississauga, ON, Canada, L4Z 1P3 (Head Office)
Telephone: 905-361-8910
Fax: 905-361-8911
- 1.4 Recommended use:** For In Vitro Diagnostic (IVD) use.

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
Not a hazardous substance or mixture.
- 2.2 GHS Label elements, including precautionary statements**
Not a hazardous substance or mixture.
- 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS:**
Contains inactivated cells. These components are not considered to be hazardous to health.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

REDx™ FLOQ® Swab Positive and Negative Controls do not contain substances or mixtures that meet GHS classification criteria. These products do not contain hazardous chemicals at concentrations that are considered hazardous to personal health and/or the environment.

SECTION 4: FIRST AID MEASURES

- 4.1 Description of first aid measures**
No specific advice. Contact a doctor if necessary. Good industrial hygiene is recommended.
- 4.2 Most important symptoms and effects, both acute and delayed**
Information not available.
- 4.3 Indication of any immediate medical attention and special treatment needed**
Information not available.

SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Use water spray, carbon dioxide (CO₂), foam or dry chemical.
- 5.2 Special hazards arising from the substance or mixture**
Hazards caused by exposure in the event of fire, do not breathe combustion products.
- 5.3 Advice for firefighters**
General: Use jet of water to cool the containers to prevent material decomposition and generating substances potentially hazardous to health. Prevent extinguishing water from draining into the sewer system. Dispose of contaminated water and the remains of the fire according to applicable regulations. Always wear full fire prevention gear. Use normal firefighting protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Product contains material of biological origin, avoid direct contact with material. Wear protective clothing as outlined in Section 8.
- 6.2 Environmental precautions**
Instructions for waste disposal, see section 13.
- 6.3 Methods and material for containment and cleaning up**
Information not available for the product.
- 6.4 Reference to other sections**
Instructions for waste disposal, see section 13.



SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Generally accepted good laboratory practices appropriate to biological substances should be employed when handling this product.

WARNING:

Handle controls as capable of transmitting infectious agents; Biosafety Risk Group 1/Biosafety Level 1.

Appropriate safety procedures should be employed when handling these products according to applicable biosafety guidelines.

Do not ingest. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store this product at 2-30°C.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters

Information not available for the product.

8.2 Occupational Exposure Controls:

Engineering Controls: No special engineering controls are required.

Personal Protective Equipment:

Respiratory Protection: Not needed under normal circumstances.

Hand Protection: Medical gloves to avoid direct contact.

Eye Protection: Laboratory eye protection.

Skin Protection: Laboratory coat or other protective clothing.

Environmental Controls: No special environmental controls required.

SECTION 9: PHYSICAL / CHEMICAL CHARACTERISTICS

9.1 General Information

Appearance Form:	Solid, white swab
Odour:	Odorless
pH:	Not applicable
Boiling point:	Not applicable
Flash point:	Not applicable
Flammability:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density:	Not applicable
Water solubility:	Swab: Insoluble, Control: Soluble
Partition coefficient:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in recommended conditions for use and storage.

10.4 Conditions to avoid

None in particular. Usual precautions should be considered when handled, see section 7.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

In the event of fire: see section 5



SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	Information not available.
Inhalation:	Information not available.
Irritation:	Information not available.
Corrosivity:	Information not available.
Sensitization:	Information not available.
Carcinogenicity:	Information not available.
Mutagenicity:	Information not available.
Toxicity for reproduction:	Information not available.

SECTION 12: ECOLOGICAL INFORMATION

General: Avoid littering.

12.1 Toxicity:	Information not available.
12.2 Persistence and degradability:	Information not available.
12.3 Bioaccumulative potential:	Information not available.
12.4 Mobility in soil:	Information not available.
12.5 Results of PBT and vPvB assessment:	Not required/not contain any PBT or vPvB in percentage greater than 0.1%.
12.6 Other adverse effects:	Information not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Method: Always dispose of in accordance with local and national regulations. Dispose of all specimens, samples and materials used in testing as though they contain biohazardous agents.

Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

General: Not dangerous goods according to DOT (US), IMDG or IATA.

UN Number:	Not applicable
Class:	Not applicable
Proper Shipping Name:	Not applicable
Packing Group:	Not applicable
Environmental Hazards:	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

The SDS contains all the information required by applicable Hazardous Products Regulations.

SECTION 16: OTHER INFORMATION

Prepared By: Occupational Health and Safety Representative

Revision Date: 15 January 2024

DISCLAIMER:

Microbix Biosystems Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. It may not be valid for this material if it is used in combination with any other materials. Microbix Biosystems Inc. makes no representations or warranties either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Microbix Biosystems Inc. will not be responsible for damages resulting from use or reliance upon this information.

Appendix 1

REDx™ FLOQ® Swab Positive and Negative Controls

Product Name	Catalogue Number
REDx™FLOQ® SARS-CoV-2 Swab Positive Control	RED-S-19-01
REDx™FLOQ® SARS-CoV-2 Ag Swab Positive Control	RED-S-19-02
REDx™FLOQ® SARS-CoV-2 B.1.1.7 Swab Positive Control	RED-S-19-03
REDx™FLOQ® SARS-CoV-2 B.1.351 Swab Positive Control	RED-S-19-04
REDx™FLOQ® SARS-CoV-2 P.1 Swab Positive Control	RED-S-19-05
REDx™FLOQ® SARS-CoV-2 B.1.617 Swab Positive Control	RED-S-19-06
REDx™FLOQ® SARS-CoV-2 B.1.1.529 Swab Positive Control	RED-S-19-07
REDx™FLOQ® SARS-CoV-2/FluA&B/RSV Swab Positive Control	RED-S-19-M1
REDx™FLOQ® Influenza A Swab Positive Control	RED-S-13-01
REDx™FLOQ® Respiratory NAAT Influenza A Swab Positive Control	RED-S-13-M1
REDx™FLOQ® Respiratory NAAT Influenza A Swab Positive Control (Low Level)	RED-S-13-M1L
REDx™FLOQ® Influenza B Swab Positive Control	RED-S-14-01
REDx™FLOQ® Respiratory NAAT Influenza B Swab Positive Control	RED-S-14-M1
REDx™FLOQ® Respiratory NAAT Influenza B Swab Positive Control (Low Level)	RED-S-14-M1L
REDx™FLOQ® RSV Swab Positive Control	RED-S-07-01
REDx™FLOQ® Respiratory NAAT RSV Swab Positive Control	RED-S-07-M1
REDx™FLOQ® Respiratory NAAT RSV Swab Positive Control (Low Level)	RED-S-07-M1L
REDx™FLOQ® Respiratory NAAT Influenza A & Influenza B Swab Positive Control	RED-S-13-M2
REDx™FLOQ® Respiratory NAAT Influenza A & RSV Swab Positive Control	RED-S-13-M3
REDx™FLOQ® Respiratory NAAT Influenza A & SARS-CoV-2 Swab Positive Control	RED-S-13-M4
REDx™FLOQ® Respiratory NAAT Influenza B & RSV Swab Positive Control	RED-S-14-M2
REDx™FLOQ® Respiratory NAAT Influenza B & SARS-CoV-2 Swab Positive Control	RED-S-14-M3
REDx™FLOQ® Respiratory NAAT RSV & SARS-CoV-2 Swab Positive Control	RED-S-07-M2
REDx™FLOQ® Respiratory Swab Negative Control	RED-S-99-01
REDx™FLOQ® SARS-CoV-2 Swab Negative Control	RED-S-99-M4
REDx™FLOQ® Group A Strep Swab Positive Control (M1)	RED-S-70-M1
REDx™FLOQ® Group A Strep Swab Positive Control (M2)	RED-S-70-M2
REDx™FLOQ® Group A Strep Swab Positive Control	RED-S-70-01
REDx™FLOQ® HSV1&2/VZV/ <i>T. pallidum</i> Swab Positive Control	RED-S-03-M1
REDx™FLOQ® HSV1 Swab Positive Control	RED-S-02-01
REDx™FLOQ® HSV2 Swab Positive Control	RED-S-23-01
REDx™FLOQ® VZV Swab Positive Control	RED-S-03-01
REDx™FLOQ® Monkeypox West African Swab Positive Control	RED-S-81-02
REDx™FLOQ® <i>Treponema pallidum</i> Swab Positive Control	RED-S-80-01
REDx™FLOQ® HSV 1 and HSV2 Swab Positive Control	RED-S-02-M2
REDx™FLOQ® HSV 1 and VZV Swab Positive Control	RED-S-02-M3
REDx™FLOQ® HSV 1 and <i>T. pallidum</i> Swab Positive Control	RED-S-02-M4
REDx™FLOQ® HSV 2 and VZV Swab Positive Control	RED-S-23-M2
REDx™FLOQ® HSV2 and <i>T. pallidum</i> Swab Positive Control	RED-S-23-M3
REDx™FLOQ® <i>T. pallidum</i> and VZV Swab Positive Control	RED-S-80-M2
REDx™FLOQ® HSV1/HSV2/VZV Swab Positive Control	RED-S-02-M5
REDx™FLOQ® HPV 16 Swab Positive Control	RED-S-62-16
REDx™FLOQ® HPV 18 Swab Positive Control	RED-S-62-18
REDx™FLOQ® HPV 45 Swab Positive Control	RED-S-62-45
REDx™FLOQ® HPV 16/18/45 Swab Positive Control	RED-S-62-M1
REDx™FLOQ® <i>Chlamydia trachomatis</i> Swab Positive Control	RED-S-12-M1
REDx™FLOQ® <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> Swab Positive Control	RED-S-12-M2
REDx™FLOQ® <i>Neisseria gonorrhoeae</i> Swab Positive Control	RED-S-17-M1
REDx™FLOQ® <i>Trichomonas vaginalis</i> Swab Positive Control	RED-S-61-M1
REDx™FLOQ® <i>Trichomonas vaginalis</i> and <i>Mycoplasma genitalium</i> Swab Positive Control	RED-S-61-M1
REDx™FLOQ® <i>Mycoplasma genitalium</i> Swab Positive Control	RED-S-63-M1
REDx™FLOQ® <i>M. genitalium</i> A2059G Swab Positive Control	RED-S-63-02
REDx™FLOQ® <i>M. genitalium</i> A2058G Swab Positive Control	RED-S-63-03
REDx™FLOQ® <i>M. genitalium</i> A2059C Swab Positive Control	RED-S-63-04
REDx™FLOQ® <i>M. genitalium</i> A2058T Swab Positive Control	RED-S-63-05
REDx™FLOQ® <i>M. genitalium</i> A2058C Swab Positive Control	RED-S-63-06
REDx™FLOQ® CT/NG/TV Swab Positive Control	RED-S-12-M4



SAFETY DATA SHEET

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REDx™FLOQ® CT/NG/TV/MG Swab Positive Control	RED-S-12-M5
REDx™FLOQ® <i>H. pylori</i> Swab Positive Control	RED-S-27-01

This product list will be updated with the addition of new products. List updated on 15012024