MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product ID #: FP1_Myc_001

Name: SwiftDx Mycoplasma Detection Kit

Relevant uses:

Recommended use: The qualitative detection of mycoplasma contamination in cell/tissue culture samples.
Restricted use: Not to be used for testing of clinical samples or human in-vitro diagnostics.

Manufacturer details: Cambridge Molecular Diagnostics Limited trading as SwiftDx
25 Bio-Innovation Centre
Cambridge Science Park
Cambridge
CB4 0FW
United Kingdom

Emergency phone #: +44 (0)1223 827205

Support email: techsupport@swiftdx.co.uk

SECTION 2. HAZARDS IDENTIFICATION

Classification: Not classified
Label elements: Not applicable
Other hazards: None

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

The SwiftDx Mycoplasma Detection Kit comprises 8 parts:

- The lateral flow test strips
- Solution I
- Solution II
- Solution III
- Running Buffer
- Positive control
- Negative control

Warning: Solutions I, II, III and the running buffer (10 mL per test kit) contain a maximum of 0.1% sodium azide.

Sodium azide is a potentially poisonous substance when consumed in large amounts. The amount of sodium azide included in each unused test kit is considered to be below the cut-off for harm, however, it may be harmful if ingested, inhaled or in skin contact (Category 5). See Section 4. FIRST AID MEASURES.

SECTION 4. FIRST AID MEASURES

Solutions:

In case of contact with eyes or skin, flush with copious amounts of water for 15 minutes.
In cases of inhalation remove the person to fresh air and ensure comfortable breathing
If swallowed, wash out mouth with copious amounts of water.
Call a physician if you feel unwell.

SECTION 5. FIRE FIGHTING MEASURES

No special fire-fighting measures are required.
Extinguishing media – Water spray, dry powder or foam
The product is non-reactive under normal use, storage and transport
No additional precautions are required to be taken by firefighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

Solutions:

Soak up any spilled liquid with absorbent materials and clean the area.
Dispose of with the test kit.

SECTION 7. HANDLING AND STORAGE

No special storage precautions required. The kit should be stored in the packaging provided
The whole kit should be stored refrigerated between 2-8°C. The test kit can be stored at room temperature for short periods of time, where this is the case no additional hazards are created.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: No additional information is available
Exposure controls: The test device and running buffer require no special handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Test Device: Membrane is a solid phase white paper-like strip.

Solutions:

Physical state	Liquid
Colour	Clear, except staining solution which is red
Odour	None
pH	6-8 ±0.5
Melting point	~0°C

Freezing point	~0°C
Boiling point	~100°C
Flash point	Not applicable
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	Not applicable
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Relative density	Not applicable
Solubility	Miscible in water
Log Pow	No data available (solutions contain antimicrobial agents)
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Specific gravity	No data available
Explosion limits	Not applicable
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10. STABILITY AND REACTIVITY

This product is not considered to be reactive in normal conditions of use, handling and transport.
The product is chemically stable under normal conditions of use, handling and transport.
No hazardous reactions are known under normal conditions of use, handling and transport.
Conditions to avoid – none under recommended storage conditions (see section 7)
Incompatible materials – no additional information is available
Hazardous decomposition products – none identified

No known incompatibilities.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
Skin corrosion/irritation:	Not classified

Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity – single exposure:	Not classified
Specific target organ toxicity – repeated exposure:	Not classified
Aspiration hazard:	Not classified
Viscosity, kinematic:	No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity	None identified
Persistence and degradability	No data available
Bioaccumulative potential	None identified
Mobility in soil	No data available
Other Adverse effects	None identified

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods – no specific requirements identified. Dispose of test kit contents in accordance with licensed waste collector's instructions

SECTION 14. TRANSPORT INFORMATION

UN GHS Number	None assigned
UN Proper shipping name	Not dangerous goods
Transport hazard class(es)	None assigned
Packing group	None assigned
Environmental hazards	None
Special precautions for the user	None required. This product is not classified as dangerous within the meaning of transport regulations

SECTION 15. REGULATORY INFORMATION

No additional requirements for safety, health and environmental regulations/legislation specific for the substance have been identified.

SECTION 16. OTHER INFORMATION

This document has been prepared in accordance with UK Health and Safety Executive available guidance, this material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and Globally Harmonised System of Classification and Labelling of Chemicals (GHS), (ninth revised edition) United Nations, 2021