

MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name: Visual-PCR™ Mycoplasma Detection Kit

Catalog Numbers: GM7036 GM7048

Part No.: Component C

Company Name & Address:

GM Biosciences, Inc
5350 Partners Ct., Suite C
Frederick, MD 21703
USA
Tel.: 240-595-9177

Information Number: [Please contact GM Biosciences, Inc or your local distributor.](#)

Use of the substance/preparation: Refer to the instruction for proper and intended use. Otherwise, contact supplier for specific applications

Section 2. Composition, Information on Ingredients

Hazardous/Non-hazardous Components

Chemical Name	CAS-No	Weight %
Glycerol	56-81-5	1-50

Section 3. Hazards Identification

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

May be harmful if swallowed

May cause skin and eye irritation in susceptible persons

Principle Routes of Exposure/

Potential Health effects

Eyes May cause eye irritation with susceptible persons.

Skin May cause skin irritation in susceptible persons.

Inhalation No information available

Ingestion May be harmful if swallowed

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

Section 4. First Aid Measures

Skin contact Wash off immediately with plenty of water

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

Ingestion Never give anything by mouth to an unconscious person

Inhalation Move to fresh air

Notes to physician Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable extinguishing media Dry chemical

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit

Section 6. Accidental Release Measures

Personal precautions Use personal protective equipment

Methods for cleaning up Soak up with inert absorbent material.

Section 7. Handling and Storage

Handling No special handling advice required

Storage Keep in properly labelled containers

Section 8. Exposure Controls/Personal Protection

Occupational exposure controls

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Glycerol	15 mg/m ³ total dust 5 mg/m ³ respirable fraction	-	10 mg/m ³	-

Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment

Hand protection Protective gloves

Eye protection Safety glasses with side-shields

Skin and body protection Lightweight protective clothing.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls Prevent product from entering drains.

Section 9. Physical and Chemical Properties

Physical state: Liquid.

Boiling point/range °C No data available

Melting point/range °C No data available

Flash point °C No data available

Autoignition temperature °C No data available

Oxidizing properties No information available

Water solubility No data available

Section 10. Stability and Reactivity

Stability Stable under normal conditions.

Materials to avoid No information available

Hazardous decomposition products No information available

Polymerization Hazardous polymerisation does not occur.

Section 11. Toxicological Information

Acute toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Glycerol	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat)

Principle Routes of Exposure/

Potential Health effects

Eyes May cause eye irritation with susceptible persons.

Skin May cause skin irritation in susceptible persons.

Inhalation No information available

Ingestion May be harmful if swallowed.

Specific effects (Long Term Effects)

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

Section 12. Ecological Information

Ecotoxicity effects No information available.

Mobility No information available.

Biodegradation No information available.

Bioaccumulation No information available

Section 13. disposal Considerations

Dispose of in accordance with local regulations

Section 14. Transport Information

IATA

Proper shipping name Not classified as dangerous in the meaning of transport regulations

Hazard Class No information available

Subsidiary Class No information available

Packing group No information available

UN-No No information available

Section 15. Regulatory Information

International Inventories

Chemical Name	TSCA	PICCS	ENCS	DSL	NDSL	AICS
Glycerol	Listed	Listed	Listed	Listed	–	Listed

U.S. Federal Regulations

SARA 313 This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

WHMIS hazard class:

Non-controlled

Section 16. Regulatory Information**Disclaimer**

For R&D use only. Not for drug, household or other uses.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability 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. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

Section 1. Product and Company Identification

Product Name: Visual-PCR™ Mycoplasma Detection Kit

Catalog Numbers: GM7036 GM7048

Part No.: Component A,B,D

Company Name & Address:

GM Biosciences, Inc
4539 Metropolitan CT.
Frederick, MD 21704
USA
Tel.: 240-595-9177

Information Number: [Please contact GM Biosciences, Inc or your local distributor.](#)

Use of the substance/preparation: Refer to the instruction for proper and intended use. Otherwise, contact supplier for specific applications

Section 2. Composition, Information on Ingredients

Hazardous/Non-hazardous Components

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

Section 3. Hazards Identification

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health
May be harmful if swallowed
May cause skin and eye irritation in susceptible persons

Principle Routes of Exposure/

Potential Health effects

Eyes May cause eye irritation with susceptible persons.

Skin May cause skin irritation in susceptible persons.

Inhalation May be harmful by inhalation.

Ingestion May be harmful if swallowed

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

Section 4. First Aid Measures

Skin contact Wash off immediately with plenty of water. If symptoms persist, call a physician.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Ingestion Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Notes to physician Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable extinguishing media Dry chemical

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit

Section 6. Accidental Release Measures

Personal precautions Use personal protective equipment

Methods for cleaning up Soak up with inert absorbent material.

Section 7. Handling and Storage

Handling No special handling advice required

Storage Keep in properly labelled containers

Section 8. Exposure Controls/Personal Protection

Occupational exposure controls

Exposure limits

Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment

Hand protection Protective gloves

Eye protection Safety glasses with side-shields

Skin and body protection Lightweight protective clothing.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls Prevent product from entering drains.

Section 9. Physical and Chemical Properties

Physical state: Liquid.

Boiling point/range °C No data available

Melting point/range °C No data available

Flash point °C No data available

Autoignition temperature °C No data available

Oxidizing properties No information available

Water solubility Soluble in water

Section 10. Stability and Reactivity

Stability Stable under normal conditions.

Materials to avoid No information available

Hazardous decomposition products No information available

Polymerization Hazardous polymerization does not occur.

Section 11. Toxicological Information

Acute toxicity

Principle Routes of Exposure/

Potential Health effects

Eyes May cause eye irritation with susceptible persons.

Skin May cause skin irritation in susceptible persons.

Inhalation May be harmful by inhalation.

Ingestion May be harmful if swallowed

Specific effects (Long Term Effects)

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

Section 12. Ecological Information

Ecotoxicity effects No information available.

Mobility No information available.

Biodegradation No information available.

Bioaccumulation No information available

Section 13. disposal Considerations

Dispose of in accordance with local regulations

Section 14. Transport Information

IATA

Proper shipping name Not classified as dangerous in the meaning of transport regulations

Hazard Class No information available

Subsidiary Class No information available

Packing group No information available

UN-No No information available

Section 15. Regulatory Information

International Inventories

U.S. Federal Regulations

SARA 313 This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

WHMIS hazard class:

Non-controlled

Section 16. Regulatory Information

Disclaimer

For R&D use only. Not for drug, household or other uses.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability 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. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.