

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name 2x Taq PCR Master Mix

Other means of identification

Product Code(s) A4145

Synonyms No information available

Product Use For Laboratory Research Use Only.

Supplier/Manufacturer

Biomatik Corporation
9-140 McGovern Dr.
Cambridge, Ontario N3H 4R7
Canada

Telephone Number 1-519-489-7195

E-mail Address info@biomatik.com

Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS-Classification

Signal Word: Not Hazardous

Health Hazard: Not Hazardous

Physical Hazards: Not Hazardous

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: None

Mutagenic Effects: None

Reproductive Toxicity: None

Sensitization: None

Target Organ Effects: No known effects under normal use conditions.

WHMIS

Health 0

Flammability 0

Reactivity 0

3. COMPOSITION /INFORMATION ON INGREDIENTS

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

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Move to fresh air. If not breathing give artificial respiration Consult a physician.
Ingestion	Do not induce vomiting.
Most important symptoms/effects	No information available.
Notes to Physician	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters:	Wear self contained breathing apparatus for fire fighting if necessary.
Unusual Fire and Explosions Hazard(s):	N/A
Flash Point:	N/A
Autoignition Temp:	N/A
Flammability:	N/A

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of vapors. Wear disposable coveralls and discard after use.

Methods for Cleaning-up:

Soak up with inert absorbing materials and place in a closed container for disposal. Ventilate area and wash spill site after material pickup is complete.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. See Section 12 for additional information.

7. HANDLING STORAGE

Handling:	Always wear recommended Personal Protective Equipment. No special handling required.
Storage:	Keep cap tightly closed. Store at -20°C.

8. EXPOSURE CONTROLS

Exposure Limits: We are not aware of any national exposure limit.

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment:

Personal Protective Equipment requirements are dependent of the user institution's risk assessment, and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory Protection: Wear Suitable respiratory equipment if ventilation is insufficient.

Hand: Compatible chemical-resistant gloves.

Eye: Compatible safety goggles.

Skin and body protection: Lightweight protective clothing.

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

Environmental Exposure Controls: Prevent product entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

General Physical Properties

Form: Liquid
Appearance: Colorless
Odor: No information available
Boiling Point/Range: No information available
Melting Point/Range: No information available
Flash Point: No information available
Auto-ignition Temperature: No information available
Oxidizing Properties: No information available
Solubility: No information available
pH Range: No information available

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Materials to Avoid: No dangerous reaction known under normal conditions.
Hazardous Decomposition Products: None under normal conditions.
Hazardous Polymerization: Not known to occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not Hazardous

Principle Route of Exposure/Potential Health Effects

Eye: 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.

Carcinogenic Effects: None
Mutagenic Effects: None
Reproductive Toxicity: None
Sensitization None

Target Organ Effects: No known effects under normal use conditions.

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects: No information available.
Mobility: No information available.
Biodegradation: Inherently biodegradable.
Bioaccumulation: Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name: Not classified as dangerous under the transport regulations.
Hazard Class: None
Subsidiary Class: None
Packing Group: None
UN-No: None

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313
Not Regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)

Contains no HAPs.

U.S. State Regulations

California Proposition 65

Contains no chemical listed under Proposition 65.

Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

WHMIS Hazard Class

Not controlled.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

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

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet