

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

■ Production Name: VioTaq[®] Taq DNA Polymerase

■ Catalogue Number: VT1001

■ Manufacturer/ Supplier: **VIOGENE BIOTEK CORP.**

Address: 10F, No.276, Da-Tung Rd., Sec.1,
Sijhih Dist., New Taipei City, Taiwan, R.O.C.
Tel: + 886 2 26472259

■ Preparation Date: ____ / ____ / ____

■ Contact / Preparatory: Simon Chou

■ Information Number: + 886 2 2647 2259

2. COMPOSITION / DATA ON COMPONENTS

■ Description: Aqueous solution

3. HAZARDS IDENTIFICATION

■ *Potential health effects:*

Eyes: May cause irritation of the eyes

Skin: May cause skin irritation

Inhalation: N/A

NEDA Health=0

Ratings: Fire=0

Reactivity=0

4. FIRST AID MEASURES (CONT.)

■ *Potential health effects:*

General Information: No special measures required.

Eyes: Rinse out with plenty of water with the eyelid held wide open. Summon eye specialist.

Skin: Wash off with plenty of water. Remove contaminated clothing.

Inhalation: Supply fresh airs; consult doctor in case of complaints.

Swallowing: Make victim drink plenty of water, but do not induce vomiting. Summon doctor.

Dermal In case of contact, immediately wash skin with soap and copious amounts of water. Remove

Exposure: clothing and call a physician.

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5. FIRE FIGHTING MEASURES

- Suitable extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Protective equipment: No special measures required..

【NOTE:】 Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

6. ACCIDENTAL RELEASE MEASURES

- Person-related safety precautions: N/A
- Measures for protection of environment: Not special measure required.
- Additional information: No dangerous substance is released.

7. HANDLING AND STORAGE

- Storage area should be: -20°C, and keep closed or cover when not in use.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

- *Engineering Controls:* Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

- Respiratory protection:** NIOSH/MSHA-approved respirator.
- Eye protection:** Wear safety glasses or vented safety goggles.
- Hand protection:** Required
- General Hygiene Measures:** Wash thoroughly after handling. Wash contaminated clothing before use.
- Avoid inhalation:** Keep tightly closed store in a cool dry place freeze.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

9. PHYSICAL AND CHEMICAL PROPERTIES:

- Color: According to product specification
- Form: Liquid
- Odor: Characteristic

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10. STABILITY AND REACTIVITY (CONT.)

- *Stability:* Stable.
- *Materials to Avoid:* Strong oxidizing agents, strong bases.
- *Hazardous decomposition products:* Carbon Monoxide, Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

- *Acute toxicity:* Quantitative data on the toxicity of this product are not available.

Further toxicological information:

Eyes: Irritating effect.

Skin: Irritant to skin and mucous membranes.

Sensitization: No sensitizing effects known.

Additional toxicological information: The product is no subject to classification according to internally approved calculation methods for preparations.

- Materials may be irritating to mucous membranes and upper respiratory tract.

12. ECOLOGICAL INFORMATION:

N/A

13. DISPOSAL CONSIDERATIONS:

- Contact a licensed professional waste disposal service to dispose of this material.
- Observe all federal state and local environmental regulations.
- Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION:

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

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15. REGULATORY INFORMATION:

N/A

16. OTHER INFORMATION:

■ **Other Comment:** N/A – Not available or no information.

■ **Disclaimer:** This information contained herein is based upon our efforts to acknowledge. However, we do not warrant the accuracy of this information. In no case shall VIOGENE does constitute a warranty for incidental or consequential damages, including lost profits.