

# SAFETY DATA SHEET

Revision date: 27.02.2024  
Version 2.0  
according to 2020/878/EC

Product Name: **TAQ DNA Polymerase**

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## Section 1. Identification of substance/mixture and company/undertaking

### 1.1 Product identifier

Trade Name: **TAQ DNA Polymerase**  
Catalogue Number: TAQ-500, TAQ-2500  
REACH Reg.number: -----

### 1.2 Relevant identified uses of the substance/mixture and uses advised against

Identified uses: Laboratory chemicals

### 1.3 Details of supplier of the safety data sheet

Manufacturer/Supplier: ViennaLab Diagnostics GmbH  
Gaudenzdorfer Gürtel 43-45  
A-1120 Vienna, Austria  
tel: +43-1-8120156 0  
email: [info@viennalab.com](mailto:info@viennalab.com)

### 1.4 Emergency telephone number

call your local emergency centre

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## Section 2. Hazards identification

### 2.1 Classification of the substance/mixture

Not a hazardous substance or mixture according to Regulation 1272/2008/EC

### 2.2 Label elements according to Regulation 1272/2008/EC:

none

### 2.3 Other hazards

Not known.

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## Section 3. Composition/information on ingredients

Components are not dangerous or their concentrations do not exceed the limits specified in the EC directive 1272/2008/EC.

Components are not dangerous or their concentrations do not exceed the limits specified in the EC directives 67/548/EEC and 1999/45/EC.

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## Section 4. First aid measures

### 4.1 Description of first aid measures

**General information:** No special requirements.

**Following inhalation:** Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

**After skin contact:** After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

**Following eye contact:** In case of contact with eyes, rinse immediately with plenty of running water for at least 15 minutes holding eyelids apart protecting the uninjured eye. Subsequently consult an ophthalmologist.

**After ingestion:** Rinse mouth immediately and drink large amounts of water. No administration in cases of unconsciousness or cramps. Do not induce vomiting. Immediately get medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

**Symptoms:** No symptoms known up to now.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Treatment:** First aid, treatment of symptoms.

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## Section 5. Fire fighting measures

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## 5.1 Extinguishing media

**Suitable:** In adaptation to materials stored in the immediate neighbourhood.

## 5.2 Special hazards arising from the substance/mixture

No information available

## 5.3 Advice for fire fighters

In case of fire: Wear self-contained breathing apparatus.

## 5.4 Additional information

No data available

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## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see sections 7 and 8.

### 6.2 Environmental precautions

Do not allow to enter sewers/surface or ground water.

### 6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material. Treat the assimilated material according to section 13 (waste disposal).

### 6.4 Reference to other sections

Protective measures sections 7 and 8. Waste disposal section 13.

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## Section 7. Handling and storage

### 7.1 Precautions for safe handling

**Information for safe handling:** Avoid skin and eye contact. Wear personal protection equipment.

**Technical measures:** No special technical protective measures are required.

**Precautions against fire and explosion:** Usual measures for fire prevention.

### 7.2 Conditions for safe storage, including any incompatibilities

**Technical measures and storage conditions:** No special technical protective measures are required.

**Packaging materials:** Keep/Store only in original container. Keep container tightly closed.

### 7.3 Specific end use(s)

Observe instructions for use.

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## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### 8.2 Exposure controls

**Limits for occupational exposure:** Technical measures and the design of appropriate work processes go before the use of personal protective equipment. (Ref. to section 7.1)

**Chemical handling:** Do not eat, drink, or smoke. Wash hands after working with substance. Preventive skin protection. Immediately change contaminated clothing.

**Personal protective equipment:** Minimal standards for protective measures during handling of working materials listed in TRGS 500.

**Respiratory protection:** With correct and proper use, under normal conditions, breathing protection is not required.

**Hand protection:** Tested protective gloves are to be worn. The chemical resistance of the protective equipment should be enquired at the respective supplier.

**Eye protection:** Tightly sealed safety glasses.

**Skin protection:** Protective clothing to avoid direct skin contact.

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**Limitation and monitoring environmental exposure:** Ref. to section 7. No further action is required.

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## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form	liquid
Colour	colourless
Odour	odourless
Odour threshold	no data available
Melting point	no data available
Boiling point	no data available
Flash point	no data available
Flammability	no data available
Explosion limit lower/upper	not applicable
Density (20°C)	no data available
Water solubility (20°C)	water soluble

### 9.2. Other information

Ignition temperature	not applicable
Corrosivity	non corrosive

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## Section 10. Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known.

### 10.2 Chemical stability

No decomposition if used according to specifications.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used according to specifications.

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

No incompatible materials known.

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## Section 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

**Acute toxicity:** No information available.

**Specific symptoms in laboratory animals:** No information available.

#### Irritation and etching

**Irritant effect on the skin:** No information available.

**Irritant effect on the eye:** No information available.

**Irritant effect on the respiratory tract:** No data available.

**Etching:** No information available.

#### Sensitization

No information available.

#### Repeated dose toxicity

No information available.

#### General remarks

The product should be handled with the usual care when dealing with chemicals.

### 11.2 Information on other hazards

No data available.

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## Section 12. Ecological information

### 12.1 Toxicity

Not a hazardous substance or mixture according to Regulation 1272/2008/EC

### 12.2 Persistence and degradability

Not a hazardous substance or mixture according to Regulation 1272/2008/EC

### 12.3 Bioaccumulative potential

Not a hazardous substance or mixture according to Regulation 1272/2008/EC

### 12.4 Mobility in soil

Not a hazardous substance or mixture according to Regulation 1272/2008/EC

### 12.5 Results of PBT and vPvB assessment

Not a hazardous substance or mixture according to Regulation 1272/2008/EC

### 12.5 Endocrine disrupting properties

No data available.

### 12.6 Other adverse effects

No information available.

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## Section 13. Disposal considerations

Take to an approved landfill or waste incineration plant, in line with the European directive 2008/98/EC and national and local legal regulations.

### *Packaging material*

Disposal in conformity with the current national and local legal regulations.

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## Section 14. Transport information

### 14.1 UN-Nummer oder ID-Nummer

UN-No. ---

### 14.2 UN proper shipping name

ADR/RID: ---

No hazardous material with respect to these transport regulations.

IMDG-Code/ICAO-/IATA-DGR: ---

No hazardous material with respect to these transport regulations.

### 14.3 Transport hazard classes

ADR/RID/IMDG-Code/ICAO-/IATA-DGR: No hazardous material with respect to these transport regulations.

### 14 Packaging group

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### 14.5 Environmental hazards

No hazardous material with respect to these transport regulations.

### 14.6 Special precautions for user

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### 14.7 Maritimer transport in bulk according to IMO instruments

Not applicable.

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## Section 15. Regulatory information

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

Water pollution class: WGK 1 (slightly hazardous to water)  
National legislation has to be observed!

### 15.2 Chemical safety assessment

For this preparation no chemical safety assessment has been carried out.

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## Section 16. Other information

### Indication of changes

Update in consideration of (EC) 2020/878.

This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. ViennaLab Diagnostics GmbH is not held liable for any damage resulting from handling or from contact with the above-mentioned products.

MSDS has been prepared in accordance with EC regulation 2020/878/EC and other European Union legislation in force.