

SAFETY DATA SHEET

Product name: **PCR enhancer**

Revision Date 04.02.2025

According to Regulation (EC) No. 1907/2006

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name:

PCR enhancer

Product Number:

E101

REACH No.

A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

For research and development use only

Restrictions on use:

No information available

1.3 Manufacturer/Supplier:

Top-Bio, s.r.o.

Průmyslová 697

252 50 Vestec, Czech Republic

tel: +420 603 476 934

email: top-bio@top-bio.cz

1.4 Emergency telephone number:

Toxikologické informační středisko, Na Bojišti 1, 120 00 Prague 2,

tel: +420 224919293/224915402

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture.

2.3 Other hazards

Not Applicable.

Section 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.

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation: move person into fresh air..

Skin contact: wash off with soap and plenty of water.

Eye contact: flush eyes with water as a precaution.

Ingestion: rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed

None.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep tube tightly closed. Store in cool place. For short terms (months) at temperature $4^{\circ}\text{C} \pm 3^{\circ}\text{C}$.

For long terms at temperature $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection: Tight sealing safety goggles.

Skin protection: Handle with gloves.

Body Protection: Wear suitable protective clothing.

Respiratory protection: not required.

Control of environmental exposure

No special environmental precautions required.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid.

Appearance: Colorless.

Odor: Odorless

9.2 Other safety information

No data available

Section 10: Stability and reactivity

Reactivity: No data available.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: No data available.

Incompatible materials: No dangerous reaction known under conditions of normal use.

Section 11: Toxicological information

11.1 Information on toxicological effects

No data available.

Section 12: Ecological information

12.1 Ecotoxicity: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects No data available

Section 13: Disposal considerations

13.1 Waste treatment methods

Product:	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging:	Dispose of as unused product.

Section 14: Transport information

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

Section 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

Section 16: Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Top-Bio, s.r.o. shall not be held liable for any damage resulting from handling or from contact with the above product. See www.top-bio.com (cz) for additional terms and conditions of sale.