

Latest revision date: 02-06-2025

Revision:

SDS prepared by: Amplyus

## SECTION 1 – IDENTIFICATION

**Product name:** Blue Egg Primers

**Product use:** This product is for education and research use only

**Supplier:**

Amplyus LLC

1770 Massachusetts Avenue, Suite 167

Cambridge, MA 02140

Phone: 1-781-990-8727

Fax: 888-317-0512

**Emergency Telephone Number:** 1-781-990-8727 during US East Coast business hours

## SECTION 2 – HAZARDS IDENTIFICATION

**GHS classification:** Not a dangerous substance or mixture according to the Global Harmonized System (GHS)"

**Hazard statement(s):** Product contains no substances which at their given concentration, are considered to be hazardous to health.

**Precautionary statement(s):** N/A

**Hazards not otherwise classified:** N/A

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients        | %    | CAS Number                       |
|--------------------|------|----------------------------------|
| Plasmid DNA        | n/a  | 9007-49-2                        |
| Tris-EDTA (pH 8.0) | 1%   | 77-86-1, 6381-92-6,<br>7647-01-0 |
| Water              | ~99% | 7732-18-5                        |

## SECTION 4 – FIRST AID MEASURES

**General information:** No special measures required

**Eye contact:** Flush opened eye immediately with plenty of water. If irritation persists, get medical attention.

**Skin contact:** Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.

**Inhalation:** Move to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** Rinse mouth with water. Seek medical attention and appropriate follow-up.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Conditions of flammability:** Not flammable.

**Suitable extinguishing media:** Dry chemical, CO<sub>2</sub>, water spray, or alcohol resistant foam.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary.

**Hazardous combustion products:** N/A

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Prevent skin/eye contact. Wear personal protective equipment as needed.

**Environmental precautions:** No special measures required.

**Methods and materials for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

## SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** No special measures required.

**Conditions for safe storage:** No special measures required. Store at -20 °C.

**Incompatible products:** N/A

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering controls:** Not required. General room ventilation is adequate for use of this product.

**Personal protective measures:** Wash hands thoroughly after handling. Do Not eat, drink or smoke when handling this product.

**Personal protective equipment:**

- **Skin protection:** protective gloves, appropriate protective clothing
- **Eye protection:** safety glasses

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid

**Color:** Clear

**Odor:** No data available

**Odor threshold:** No data available

**pH:** ~7.0-8.0

**Melting point/freezing point:** No data available

**Boiling point:** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Ignition temperature:** No data available

**Autoignition temperature:** No data available

**Lower explosion limit:** No data available

**Upper explosion limit:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Relative density (water = 1):** No data available

**Water solubility:** No data available

**Partition coefficient (n-octanol/water):** No data available

**Viscosity:** No data available

## SECTION 10 – STABILITY AND REACTIVITY

**Chemical stability:** Stable at least 6 months under recommended storage conditions.

**Incompatible materials to avoid:** Strong oxidizing agents.

**Hazardous decomposition products:** N/A

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Acute toxicity LD/LC50 values:** No data available.

**Respiratory or skin sensitization:** No data available.

**Germ cell mutagenicity:** No data available.

**Reproductive toxicity:** No data available.

**Teratogenicity:** No data available.

**Carcinogenicity:** No components of this product are listed by IARC, NTP, and OSHA.

## SECTION 12 – ECOLOGICAL INFORMATION

**Toxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**PBT assessment:** No data available.

**vPvB assessment:** No data available.

**Other adverse effects:** None known.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Product:** Dispose of waste in accordance with applicable national, regional, or local regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Do Not allow product to reach ground water, water course, or sewage system.

**Contaminated packaging:** Dispose of packaging in accordance with applicable national, regional, or local regulations.

## SECTION 14 – TRANSPORT INFORMATION

This substance is considered to be Non-hazardous for transport.

## SECTION 15 – REGULATORY INFORMATION

**SARA 302/304 (40CFR355.30/40CFR355.40):** This material does not contain any components with a section 302 EHS TPQ or a section 304 EHS RQ.

**SARA 313:** Substance not listed.

**SARA 311/312:** No SARA hazards.

**California Proposition 65:** Substance not listed.

**Massachusetts right to know:** Substance not listed.

## SECTION 16 – OTHER INFORMATION

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. Amplyus LLC is not held liable for any damage resulting from handling or from contact with the abovementioned products