

Galápagos Penguin Lab: DNA samples

SECTION 1 — IDENTIFICATION

Product name:	Galápagos Penguin Lab: Biodiversity at Risk
Catalog or product number:	KT-1509-01
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)
Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Classification of the substance or mixture	Not classified as hazardous according to Regulation (EC) 1272/2008 [CLP].
Label elements	This mixture does not require labeling according to Regulation (EC) 1272/2008 [CLP].
Other hazards	This mixture contains 0% of components with unknown hazards to the aquatic environment. No other hazards identified
Hazard statement(s):	Product contains no substances that, 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
DNA	Not disclosed	Proprietary
Tris-HCL 1.5 mM	<0.1%	1185-53-1
Bromophenol blue	<0.1%	34725-61-6
EDTA (Ethylenediaminetetraacetic acid)	<0.1%	60-00-4
Glycerol	10%	56-81-5

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 ₂ , 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. Tightly cap the tube and store in freezer 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	Autoignition temperature:	No data available
Color:	Blue	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~7.0-8.0	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability:	Stable for at least 6 months under recommended storage conditions
Incompatible materials to avoid:	Strong oxidizers

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. 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 This material does not contain any components with a section 302
(40CFR355.30/40CFR355.40): 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 above-mentioned products.