

SAFETY DATA SHEET

LazyExtract™ genome DNA prep solution

Creation Date 3-Feb-2025

1. Identification of the substance/mixture and of the company

1.1. Product identifier

Product name LazyExtract™ genome DNA prep solution
Product form Mixture
Product code LX0015, LX0200, LX2000

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

Use of the substance/mixture: Laboratory chemical

1.3. Details of the supplier of the safety data sheet

Supplier Bayspair Inc.
Address 319 Bernardo Avenue
 Mountain View, CA 94043
 U.S.A.
Phone 650-609-7695
E-mail info@bayspair.com

1.4. Emergency telephone number

Emergency number 650-609-7695 (Monday-Friday, 9:00AM-5:00PM)

2. Hazards identification

2.1. Classification of the substance or mixture

Health hazards

Skin Mild Irritation 3
Eye Irritation 2

2.2. GHS Label elements

Pictogram



Signal word WARNING
Hazard statements Causes serious eye irritation
 Causes mild skin irritation

Precautionary statements

Prevention Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face
 protection.

Response If in eyes: Rinse cautiously with water for several minutes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not breathe vapors, aerosols.

Wear suitable protective eyewear, clothing, protective boots and protective gloves.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

Wipe up with absorbent material and follow proper disposal methods.

6.4. Reference to other sections

For disposal see section 13.

7. Handling and storage

7.1. Precautions for safe handling

For precautions see section 2.2.

7.2. Conditions for safe storage

Store at 10 °C or below

Tightly closed.

7.3. Conditions for safe storage

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

8. Exposure controls/personal protection

8.1. Control parameter

Chemicals	Regulatory	Cellings
		2 mg/m ³ (TWA)
Sodium borate	ACGIH	6 mg/m ³ (STEL)

8.2. Exposure controls

Appropriate engineering controls: Good general ventilation should be used to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment:

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards.

Hands protection

Wear protective gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Respiratory

Not required; except in case of aerosol formation.

Skin protection

Wear long-sleeved work clothes and use a chemical-resistant apron if necessary.

Environmental Exposure Controls: Do not let product enter drains.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Color	Clear
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Solubility in Water	No data available
Log Pow	No data available
Log Kow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. Other information

None

10. Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Stability

Stable under normal temperatures and pressures. See use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions

None known. Hazardous polymerization does not occur.

10.4. Conditions to avoid

Extreme heat or cold. Do not freeze. Avoid UV.

10.5. Incompatible materials

Development of hazardous gases possible in the event of fire.

10.6. Hazardous decomposition products

None under normal use conditions.

11. Use Toxicological information

11.1. Hazardous decomposition products

Acute toxicity	LD50 Oral - Rat - >10g/kg
Skin corrosion/irritation	May cause mild irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	May cause irritation if inhaled in large quantities.
Reproductive toxicity conditions.	Borate may be reproductively toxic under certain conditions.
Carcinogenicity	No data available
Others	Long-term exposure may cause effects on skin and mucous membranes.

12. Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Degradation products are more toxic than the original product.

13. Disposal considerations

13.1. Waste treatment methods

Waste material must be disposed of in accordance with the national and local regulations.
Leave chemicals in original containers.
No mixing with other waste.
Handle uncleaned containers like the product itself.

14. Transport information

14.1. International transport regulations

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

15.1. US Federal regulations

OSHA Hazards

No OSHA Hazards

CERCLA Reportable Quantities

This product does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This product does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

No SARA Hazards

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold established by SARA Title III, Section 313. (De Minimis) reporting levels

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

New Jersey Right to Know Hazardous Substance List

No components are subject to the New Jersey Right to Know Act.

Pennsylvania Right to Know List

No components are subject to the Pennsylvania Right to Know Act.

16. Other Information

NPFA Hazard Rate

NFPA Category	Rating	Description
Health	1	Slight Hazard
Flammability	0	Will not burn
Instability	0	Normally stable
Special	None	No special hazards

For research use only. Not for use in diagnostic procedures.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.