

SAFETY DATA SHEET

Revision date: 27.02.2024

Revision 2.0

according to 2020/878/EC

Safety data sheet GEN^XTRACT™ Blood DNA Extraction System

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

1.1. Product identifier

Trade name: GEN^XTRACT™ Blood DNA Extraction System (see Section 16)
Catalogue Number: see Section 16
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: ViennaLab Diagnostics GmbH
Gaudenzdorfer Guertel 43-45
A-1120 Vienna, Austria
tel: +43-1-8120156 0
email: info@viennalab.com

1.4 Emergency telephone number

Call your local emergency centre.

Section 2. Hazards identification

2.1 Classification of the substance or mixture

These mixtures are classified as not hazardous or do not meet the criteria for classification according to the 1272/2008/EC.

2.2 Label elements according to Regulation (EC) No 1272/2008

Hazard pictograms and signal word

This mixture is not subject to labeling according to the calculation methods of the regulation 1272/2008/EC.

2.3 Other hazards

Not known.

Section 3. Composition/information on ingredients

3.1 Mixtures

The ingredients of GEN^XTRACT™ Blood DNA Extraction System are not dangerous or their concentrations do not exceed the limits specified in the regulation 1272/2008/EC.

Section 4. First aid measures

4.1 Description of first aid measures

General information: Immediately take off contaminated clothing. If unwell seek medical advice.

Following inhalation: Provide fresh air. In case of irritation of the respiratory tract consult a physician.

Following skin contact: Wash with plenty of water and soap. In case of skin irritation consult a physician.

Following eye contact: Remove contact lenses. Flush immediately with plenty of flowing water for 15 minutes holding eyelids apart, protecting the uninjured eye. If necessary consult a physician.

Following ingestion: Rinse mouth immediately and drink plenty of water (200-300 mL) in little sips (dilution effect). Avoid vomiting. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms known up to now.

4.3 Indication of any immediate medical attention and special treatment needed

First aid, symptomatic treatment.

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Section 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Adapt extinguishing measures to suit the environment.

5.2. Special hazards arising from the substance or mixture

Not flammable, ambient fire may liberate hazardous vapors.

5.3. Advice for fire-fighters

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

5.4. Additional information

Prevent fire extinguishing water from contaminating surface water or ground water system.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with mixture. Use personal protective equipment. Provide fresh air. Leave danger zone. Consult expert.

6.2. Environmental precautions

Do not allow to enter drainage system or water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid binding and neutralizing material and dispose of according to section 13.

6.4. Reference to other sections

Observe protective measures in sections 7, 8 and 13.

Section 7. Handling and storage

7.1. Precautions for safe handling

Advice for safe handling: General occupational hygiene measures. Do not eat, drink or smoke in the work area. Wash hands after use. Change contaminated clothing before entering eating areas. Use personal protective equipment.

Precautions against fire and explosion: General measures of preventive fire protection.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: No special technical protective measures are necessary. Only store in original containers. Keep container tightly closed.

7.3 Specific end uses

Observe instructions for use.

Section 8. Exposure controls/personal protection

8.1 Control parameters

These mixtures do not contain substances above concentration limits fixing an occupational exposure limit.

8.2 Exposure controls

Appropriate engineering controls: Technical measures and the design of appropriate work processes go before the use of protective equipment. See section 7.1.

Hygiene measures: Do not eat, drink or smoke at the workplace. Wash hands after working with the mixtures. Preventive skin protection. Immediately change contaminated clothing.

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

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

Hand protection: Tested protective gloves are to be worn. Chemical resistance has to be clarified with the supplier.

Eye protection: Tightly sealed goggles.

Other protection measures: Wear protective clothing to prevent contact with skin.

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Environmental exposure controls: See section 7. No further action is necessary.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	liquid
Color	colorless
Odor	odorless
Odor threshold	no data available
Melting point	no data available
Boiling point	no data available
Flash point	no data available
Explosion limits lower/upper	no data available
Density (20°C)	no data available
Water solubility (20°C)	soluble
Corrosion	no data available

9.2. Other information

Not available.

Section 10. Stability and reactivity

10.1 Reactivity

There are expected no hazardous reactions for intended use.

10.2 Chemical stability

Stable under recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

There are expected no hazardous reactions under recommended handling and storage conditions.

10.4 Conditions to avoid

None for the intended use.

10.5 Incompatible materials

Unknown.

10.6 Hazardous decomposition products

There are expected no hazardous decomposition products under recommended handling and storage conditions.

Section 11. Toxicological information

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

Toxicological data for the mixtures are not available.

Acute toxicity: No data available.

Eye damage/irritation: No data available.

Eye damage/irritation: No data available.

Sensitization to respiratory tract/skin: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: The mixtures are not classified. The mixtures do not contain any substances that are classified as toxic for reproduction.

Specific target organ toxicity (repeated exposure): No data available.

Specific target organ toxicity (single exposure): No data available.

Aspiration hazard: No data available.

11.2 Information on other hazards

No data available.

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Section 12. Ecological information

12.1 Toxicity

No data available for the mixtures.

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

PBT/vPvB assessment not available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse events

No data available.

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal according to the Waste Framework Directive 2008/98/EC and in compliance with national and local rules and regulations.

Packaging

Disposal in accordance with applicable national and local statutes and regulations.

Section 14. Transport information

14.1 UN number or ID number

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 class(es)

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

14.4. Packaging group

14.5 Environmental hazards

No hazardous material with respect to these transport regulations.

14.6 Special precautions for user

14.7 Maritime 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 substance or mixture

EU Regulations

REACH regulation (EC) No 1907/2006 in its latest version

CLP regulation (EC) No 1272/2008 in its latest version

National regulations

Refer to the national legal regulations!

15.2 Chemical safety assessment

For these mixtures no chemical safety assessment has been carried out.

Section 16. Other information

Indication of changes:

Update in consideration of (EC) 2020/878.

Catalogue number and Trade name (Section 1.1)

REF 2-014 GEN^XTRACT™ Blood DNA Extraction System

Components:

Lysis Solution, GEN^XTRACT Resin

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.

The safety data sheet has been prepared in accordance with EC regulation 2020/878/EC.