

MATERIAL SAFETY DATA SHEET

HigherPurity™ Buccal Swab Genomic DNA

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1. PRODUCT DETAILS

Trade Name: HigherPurity™ Buccal Swab DNA Extraction Kit

Catalog Number: AN0036.

1.2. COMPANY DETAILS

Supplier: Canvax Reagents S.L., Luis de Mercado St. 19, Boecillo Technological Park, Valladolid (Spain)

1.3. EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: +34 704100087

2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification (67/548/CEE) or (1999/45/CE): Xi; R41, R38. R42

Physical Hazards: not classified

Health Hazards: Skin Irritation 2 – H315 Eye Damage 1 – H318 Respiratory Sensitivity 1- H334

Environmental Hazards: not classified.

2.2. LABEL ELEMENTS

Labelling according Regulation (EC) No 1272/2008.



H290: May be corrosive to metals.

H302 + H332: Harmful if swallowed or if inhaled.

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

2.3. PREVENTIVE ADVICE

P301 + P312: If swallowed: Call a Poison center/ doctor if you feel unwell.

P303 + P361 + P353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304 + P340 + P310: If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.



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P305 + P351 + P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.4. OTHER HAZARDS

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.

3. CHEMICAL CHARACTERIZATION

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

4. FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

Inhalation: No data available.

Ingestion: No data available.

Skin contact: No data available.

Eye contact: No data available.

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

Non-specific recommendations. In case of doubt, seek medical attention immediately.

5. FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media No data available.

Unsuitable extinguishing media No data available.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Not known.

5.3. ADVICE FOR FIRE FIGHTERS

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

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Wear protective clothing as described in Section 8 of this Safety data sheet. Avoid inhalation of mists and contact with skin and eyes. Provide adequate ventilation.

6.2. ENVIRONMENTAL PRECAUTIONS

No data available.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Collect the product with a vacuum cleaner. If this is not possible, pick it up with a shovel, broom or similar. Wash the contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal tightly. For waste disposal, see Section 13.

6.4. REFERENCE TO OTHER SECTIONS

For disposal: see section 13

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols. Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

7.2. CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES

Storage conditions: All components can be stored at Room Temperature, except Proteinase (4 °C). Proteinase K should be stored at -20 °C for longer-term storage.

7.3. SPECIFIC END USE(S)

For research use only.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Exposure Limits: No data available.

Engineering measures: No data available.

8.2. EXPOSURE CONTROLS

Special protective equipment



Eye/face protection: Tight sealing safety goggles.

Hand protection: Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.



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Other skin and body protection: Wear rubber apron. Wear rubber footwear.

Respiratory protection: In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. BASIC INFORMATION ON PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Refer to component MSDS.

Color: Refer to component MSDS.

Odor: Refer to component MSDS.

Relative density: Refer to component MSDS.

Solubility(ies): Refer to component MSDS.

9.2. OTHER INFORMATION

Refer to component MSDS.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

Refer to component MSDS.

10.2. CHEMICAL STABILITY

Refer to component MSDS.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Refer to component MSDS.

10.4. CONDITIONS TO AVOID

Refer to component MSDS.

10.5. INCOMPATIBLE MATERIALS

Refer to component MSDS.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Refer to component MSDS.

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Inhalation: Refer to component MSDS.

Ingestion: Refer to component MSDS.

Skin contact: Refer to component MSDS.

Eye contact: Refer to component MSDS.



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12. ECOLOGICAL INFORMATION

Ecotoxicity: Refer to component MSDS.

12.1. TOXICITY

Refer to component MSDS.

12.2. PERSISTENCE AND DEGRADABILITY

Refer to component MSDS.

12.3. BIOACCUMULATION POTENTIAL

Refer to component MSDS.

12.4. MOBILITY IN THE SOIL

Refer to component MSDS.

12.5. PBT AND vPvBm ASSESSMENT RESULTS

This product does not contain substances classified as PBT or vPvB.

12.6. OTHER ADVERSE EFFECTS

Not determined.

13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

General information: Refer to component MSDS.

Disposal methods: Refer to component MSDS.

14. TRANSPORT INFORMATION

14.1. UN-NUMBER

ADR/RID: 3316

IMDG: 3316

IATA: 3316

14.2. UN PROPER SHIPPING NAME

ADR/RID: Chemical Kit

IMDG: Chemical Kit

IATA: Chemical Kit

14.3. TRANSPORT HAZARD CLASS(ES)

ADR/RID: 9

IMDG: 9

IATA: 9

14.4. PACKAGING GROUP

ADR/RID: III

IMDG: III

IATA: III



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14.5. ENVIRONMENTAL HAZARDS

ADR/RID: No required.

IMDG: No required.

IATA: III

14.6. SPECIAL PRECAUTIONS FOR USER

No information required.

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II MARPOL73/78 AND THE IBC CODE

Tunnel restriction code: (E)

Further information: No information required.

15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

National Provisions: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (as amended).

Guidance: CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

Hazard Classification for water: WGK 2

15.2. CHEMICAL SAFETY ASSESSMENT

Any chemical safety assessment has been carried out.

16. OTHER INFORMATION

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Users should make independent decisions regarding completeness of the information based on all sources available.

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.

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