



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US - OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Issuing Date** 26-Apr-2024

**Revision Date** 26-Apr-2024

**Revision Number** 1

## 1. Identification

### Product identifier

**Product Name** CytoSure™ Genomic DNA Labelling Kit – Control DNA

### Other means of identification

**Product Code(s)** 020020 (CytoSure™ Genomic DNA Labelling Kit - 24 reactions)  
500040 (CytoSure™ HT Genomic DNA Labelling Kit - 96 reactions)

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Analytical reagent  
For professional use only

**Restrictions on use** None known

### Details of the supplier of the safety data sheet

|   |   |
|---|---|
| <b>Supplier Address</b>   | <b>Manufacturer Address</b>   |
| Oxford Gene Technology Inc.<br>(North America office)<br>520 White Plains Road, Suite 500<br>Tarrytown, NY 10591<br>USA<br>914 467 5285 | Oxford Gene Technology<br>Unit 5<br>4A Oxford Technology Park<br>Kidlington<br>OX5 1GN, United Kingdom<br>+44 (0)1865 856800<br><a href="http://www.ogt.com">http://www.ogt.com</a> |

**E-mail** support@ogt.com

### Emergency telephone number

**Emergency telephone** 914 467 5285

## 2. Hazard(s) identification

### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Hazards not otherwise classified (HNOC)

Not applicable.

### Label elements

### Hazard statements

Not classified.

#### **Other information**

The product does not contain any substance(s) classified as PBT or vPvB.

### **3. Composition/information on ingredients**

#### **Substance**

Not applicable.

#### **Mixture**

The product contains no substances which at their given concentration, are considered to be hazardous to health

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### **4. First-aid measures**

#### **Description of first aid measures**

|                       |   |
|-----------------------|---|
| <b>General advice</b> | Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance. |
| <b>Inhalation</b>     | Remove person to fresh air and keep comfortable for breathing.  |
| <b>Eye contact</b>    | Rinse thoroughly with plenty of water, also under the eyelids.  |
| <b>Skin contact</b>   | Wash skin with soap and water.  |
| <b>Ingestion</b>      | Rinse mouth. Do not induce vomiting without medical advice.   |

#### **Most important symptoms and effects, both acute and delayed**

|                            |                           |
|----------------------------|---------------------------|
| <b>Symptoms</b>            | No information available. |
| <b>Effects of Exposure</b> | No information available. |

#### **Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

### **5. Fire-fighting measures**

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>               | Dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray. |
| <b>Unsuitable extinguishing media</b>             | Do not scatter spilled material with high pressure water streams.      |
| <b>Specific hazards arising from the chemical</b> | None known based on information supplied.                              |
| <b>Hazardous combustion products</b>              | Carbon oxides.   |
| <b>Explosion data</b>                             |  |
| <b>Sensitivity to mechanical impact</b>           | None.  |
| <b>Sensitivity to static discharge</b>            | None.  |

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid breathing vapor or mist. Ensure adequate ventilation. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Do not touch or walk through spilled material.

**For emergency responders** Use personal protective equipment as required.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Wash hands thoroughly after handling. Wear personal protective equipment.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Store at ambient conditions.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** If splashes are likely to occur, wear safety glasses with side-shields.

**Hand protection** Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

**Skin and body protection** No special protective equipment required.

|  |  |
|--|--|
| <b>Respiratory protection</b>          | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| <b>Environmental exposure controls</b> | Prevent product from entering drains.  |
| <b>General hygiene considerations</b>  | Wear suitable protective clothing and gloves.  |

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                       |                         |
|-----------------------|-------------------------|
| <b>Appearance</b>     | Clear, Colorless liquid |
| <b>Physical state</b> | Liquid                  |
| <b>Color</b>          | Clear, Colorless        |
| <b>Odor</b>           | Odorless                |
| <b>Odor threshold</b> | No data available       |

| <u>Property</u>                         | <u>Values</u>       | <u>Remarks • Method</u> |
|---|---------------------|-------------------------|
| pH                                      |                     | No data available       |
| pH (as aqueous solution)                |                     | No data available       |
| Melting point / freezing point          |                     | No data available       |
| Initial boiling point and boiling range | ~ 100 °C / ~ 212 °F |                         |
| Flash point                             |                     | No data available       |
| Evaporation rate                        |                     | No data available       |
| Flammability                            |                     | Not applicable          |
| Flammability Limit in Air               |                     |                         |
| Upper flammability or explosive limits  |                     | Not applicable          |
| Lower flammability or explosive limits  |                     | Not applicable          |
| Vapor pressure                          | 23 hPa              |                         |
| Relative vapor density                  |                     | No data available       |
| Relative density                        |                     | No data available       |
| Water solubility                        |                     | No data available       |
| Solubility(ies)                         |                     | No data available       |
| Partition coefficient                   |                     | No data available       |
| Autoignition temperature                |                     | No data available       |
| Decomposition temperature               |                     | No data available       |
| Kinematic viscosity                     |                     | No data available       |
| Dynamic viscosity                       |                     | No data available       |

### Other information

|                             |                          |
|-----------------------------|--------------------------|
| <b>Explosive properties</b> | Not an explosive         |
| <b>Oxidizing properties</b> | Not an oxidizer          |
| <b>Softening point</b>      | No information available |
| <b>Molecular weight</b>     | No information available |
| <b>VOC content</b>          | No information available |
| <b>Liquid Density</b>       | No information available |
| <b>Bulk density</b>         | No information available |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | None under normal use conditions.         |
| <b>Chemical stability</b>                 | Stable under normal conditions.           |
| <b>Possibility of hazardous reactions</b> | None under normal processing.             |
| <b>Conditions to avoid</b>                | None known based on information supplied. |

**Incompatible materials** None known based on information supplied.

**Hazardous decomposition products** None known based on information supplied.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

### Acute toxicity

#### **Numerical measures of toxicity**

Based on available data, the classification criteria are not met

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** No information available.

**Other adverse effects** No information available.

**Interactive effects** No information available.

## 12. Ecological information

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulation</b>               | No information available. |
| <b>Mobility</b>                      | Soluble in water.         |
| <b>Other adverse effects</b>         | No information available. |

## 13. Disposal considerations

### Disposal methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |

## 14. Transport information

|             |               |
|-------------|---------------|
| <b>DOT</b>  | Not regulated |
| <b>IATA</b> | Not regulated |
| <b>IMDG</b> | Not regulated |

## 15. Regulatory information

### International Inventories

Contact supplier for inventory compliance status

| Chemical name           | CAS No. | Inventory Listing Status | Commercial Activity Designation |
|-------------------------|---------|--------------------------|---------------------------------|
| Non-hazardous component | -       |                          |                                 |

\*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations.

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

### **16. Other information**

|             |                         |                       |                           |                              |
|-------------|-------------------------|-----------------------|---------------------------|------------------------------|
| <b>NFPA</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Special hazards -</b>     |
| <b>HMIS</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |

#### Key or legend to abbreviations and acronyms used in the safety data sheet

##### **Legend**

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

##### **Legend Section 8: Exposure controls/personal protection**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | Sk*  | Skin designation                 |
| +       | Sensitizers                 |      |                                  |

#### **Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**