

**Safety Data Sheets** 

# Visium CytAssist Spatial Gene and Protein Expression Reagent Kits

Visium CytAssist Protein Core Reagent Kit PN-1000603

| Reagents        | PNs     |
|-----------------|---------|
| NT Primer Mix A | 2000540 |
| RNase Inhibitor | 2000556 |
| DNase           | 2000881 |
| DNase Buffer    | 2000882 |
| RNase Buffer C  | 2000883 |



OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 12/10/2021

Reviewed on 12/10/2021

### **1** Identification

· Product Identifier

• Trade Name: cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001. Human WTA Probes BC002. Human WTA Probes BC003. Human WTA Probes BC004. Human WTA Probes BC005. Human WTA Probes BC006. Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016, Antibody Blocker, Mouse WTA Probes BC001, Mouse WTA Probes BC002, Mouse WTA Probes BC003, Mouse WTA Probes BC004, Mouse WTA Probes BC005, Mouse WTA Probes BC006, Mouse WTA Probes BC007, Mouse WTA Probes BC008, Mouse WTA Probes BC009, Mouse WTA Probes BC010, Mouse WTA Probes BC011, Mouse WTA Probes BC012, Mouse WTA Probes BC013, Mouse WTA Probes BC014, Mouse WTA Probes BC015, Mouse WTA Probes BC016, Human WT Probes v2, RHS, Human WT Probes v2, LHS, TS Primer Mix B, NT Primer Mix A

### · Product Number:

2000089, 2000096, 2000097, 2000289, 2000217, 3000511, 2000453, 2000454, 2000457, 2000458, 2000449, 2000450, 2000455, 2000456, 2000447, 2000529, 2000515, 2000495, 2000496, 2000497, 2000503, 2000504, 2000505, 2000506, 2000507, 2000508, 2000509, 2000510, 2000569, 2000703, 2000704, 2000705, 2000706, 2000707, 2000708, 2000704, 2000715, 2000706, 2000717, 2000718, 2000714, 2000715, 2000716, 2000717, 2000718, 2000657, 2000658, 2000537, 2000540

· Relevant identified uses of the substance or mixture and uses advised against:

· *Product Description:* No further relevant information available.

• Details of the Supplier of the Safety Data Sheet:

 Manufacturer/Supplier: 10x Genomics
 6230 Stoneridge Mall Road
 Pleasanton, CA 94588 USA
 1 925 401 7300
 https://www.10xgenomics.com/
 Emergency telephone number: 1 925 401 7300

2 Hazard(s) Identification

### · Classification of the substance or mixture:

The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.



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- · Label elements:
- · Hazard pictograms: Non-Regulated Material
- · Signal word: Non-Regulated Material
- · Hazard statements: Non-Regulated Material
- · Unknown acute toxicity:

This value refers to knowledge of known, established toxicological or ecotoxicological values.

- 0 % of the mixture consists of component(s) of unknown toxicity.
- · Classification system: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- NFPA ratings (scale 0 4)



· HMIS-ratings (scale 0 - 4)

HEALTHImage: OFIREImage: OREACTIVITYPhysical Hazard = 0

· Hazard(s) not otherwise classified (HNOC): None known

3 Composition/Information on Ingredients

· Chemical characterization: Substance

- · Description: Non-Regulated Material
- · Dangerous Components: Non-Regulated Material

### 4 First-Aid Measures

- Description of first aid measures
- · General information: No special measures required.
- After inhalation:

In case of unconsciousness place patient stably in the side position for transportation. Supply fresh air; consult doctor in case of complaints.

• After skin contact:

Wash with soap and water.



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If skin irritation occurs, consult a doctor.

### · After eve contact:

If eye irritation occurs, consult a doctor.

Rinse opened eye for several minutes under running water.

· After swallowing:

Do not induce vomiting without medical advice.

If swallowed and symptoms occur, consult a doctor.

- · Information for doctor
- Most important symptoms and effects, both acute and delayed: No further relevant information available. Indication of any immediate medical attention and special treatment needed: No further relevant information available.

### 5 Fire-Fighting Measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- For safety reasons unsuitable extinguishing agents; No further relevant information.
- Special hazards arising from the substance or mixture: No further relevant information available.
- · Advice for firefighters
- Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

### 6 Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures: Avoid contact with skin, eyes and clothing.
- · Environmental precautions: Dilute with plenty of water.
- Methods and material for containment and cleaning up:

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.

- Reference to other sections:
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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### · PAC-1:

None of the ingredients are listed.

### · PAC-2:

None of the ingredients are listed.

### PAC-3:

None of the ingredients are listed.

### **7 Handling and Storage**

- · Handling
- · Precautions for safe handling: Avoid breathing fume/gas/mist/vapors/spray.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- Specific end use(s): No further relevant information available.

### 8 Exposure Controls/Personal Protection

- · Additional information about design of technical systems: No further data; see section 7.
- · Control parameters:
- · Components with occupational exposure limits:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- · Additional information: The lists that were valid during the creation of this SDS were used as basis.
- Exposure controls:
- · Personal protective equipment
- · General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- · Breathing equipment: Not required.
- · Protection of hands: Not required.
- · Material of gloves: Not applicable.



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· Penetration time of glove material: Not applicable.

• Eye protection:



Safety glasses

9 Physical and Chemical Properties

| <ul> <li>Information on basic physical and chemical properties</li> <li>General Information</li> </ul> |   |  |
|--|---|--|
| <ul> <li>Appearance:</li> <li>Form:</li> <li>Color:</li> <li>Odor:</li> <li>Odor threshold:</li> </ul> | Liquid<br>Clear, colorless<br>Odorless<br>Not determined. |  |
| · pH-value:  | Not applicable.   |  |
| <ul> <li>Change in condition<br/>Melting point/Melting range:</li> </ul>                               | Not determined.   |  |
| · Flash point:   | None  |  |
| · Flammability (solid, gaseous):   | Not applicable.   |  |
| · Ignition temperature:  | Not applicable  |  |
| • Decomposition temperature:   | Not determined.   |  |
| · Auto igniting:   | Product is not self-igniting.                             |  |
| • Danger of explosion:   | Product does not present an explosion hazard.             |  |
| <ul> <li>Explosion limits:<br/>Lower:<br/>Upper:</li> </ul>  | Not determined.<br>Not determined.                        |  |
| · Vapor pressure:  | Not determined.   |  |
| <ul> <li>Density @ 20 °C (68 °F):</li> <li>Relative density:</li> </ul>                                | \ g/cm³<br>Not determined.                                |  |



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| <ul> <li>Vapor density:</li> </ul>  | Not determined.          |
|-------------------------------------|--------------------------|
| Evaporation rate:                   | Not determined.          |
| · Solubility in / Miscibility with: |                          |
| Water:                              | Fully miscible.          |
| · Partition coefficient (n-octanol  | /water): Not determined. |
| · Viscosity:                        |                          |
| Dynamic:                            | Not determined.          |
| Kinomatic:                          | Not determined           |

| Kinematic:           | Not determined.                            |
|----------------------|--|
| · Solvent content:   |  |
| VOC content:         | 0.00 %                                     |
| • Other information: | No further relevant information available. |

### 0 Stability and Reactivity

- · *Reactivity:* No further relevant information available.
- · Chemical stability: Stable under normal conditions.
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- · Conditions to avoid: No further relevant information available.
- · Incompatible materials: Strong acids, strong bases
- Hazardous decomposition products: No dangerous decomposition products known.

### 1 Toxicological Information

- · Information on toxicological effects:
- Acute toxicity:
- · LD/LC50 values that are relevant for classification: No data available.
- Primary irritant effect:
- · On the skin: No irritating effect.
- On the eye: No irritating effect.
- · Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

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When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories:

· IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

• NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

### 2 Ecological Information

### · Toxicity:

- · Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- · Behavior in environmental systems:
- · *Bioaccumulative potential:* No further relevant information available.
- Mobility in soil: No further relevant information available.
- · Additional ecological information:
- · General notes:

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

- Results of PBT and vPvB assessment:
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects: No further relevant information available.

### 3 Disposal Considerations

- · Waste treatment methods
- · Recommendation:

Smaller quantities can be disposed of with household waste.

Observe all federal, state and local environmental regulations when disposing of this material.

· Uncleaned packaging

• **Recommendation:** Disposal must be made according to official regulations.



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· Recommended cleansing agent: Water, if necessary with cleansing agents.

### 4 Transport Information

| · UN-Number:   |                        |
|--|------------------------|
| · DOT, ADR/ADN, ADN, IMDG, IATA                                | Non-Regulated Material |
| <ul> <li>UN proper shipping name:</li> </ul>                   |                        |
| · DOT, ADR/ADN, ADN, IMDG, IATA                                | Non-Regulated Material |
| <ul> <li>Transport hazard class(es):</li> </ul>                |                        |
| · DOT, ADR/ADN, ADN, IMDG, IATA                                |                        |
| · Class:   | Non-Regulated Material |
| · Packing group:   | -                      |
| · DOT, ADR/ADN, IMDG, IATA                                     | Non-Regulated Material |
| <ul> <li>Environmental hazards:</li> </ul>                     | Not applicable.        |
| <ul> <li>Special precautions for user:</li> </ul>              | Not applicable.        |
| <ul> <li>Transport in bulk according to Annex II of</li> </ul> | of                     |
| MARPOL73/78 and the IBC Code:                                  | Not applicable.        |
| · UN "Model Regulation":                                       | Non-Regulated Material |
| 5 Regulatory Information                                       |                        |
|  |                        |

- Safety, health and environmental regulations/legislation specific for the substance or mixture: No further relevant information available.
- SARA (Superfund Amendments and Reauthorization):
- · Section 355 (extremely hazardous substances):
- None of the ingredients are listed.
- · Section 313 (Specific toxic chemical listings):
- None of the ingredients are listed.
- TSCA (Toxic Substances Control Act):
- · California Proposition 65:
- · Chemicals known to cause cancer:
- None of the ingredients are listed.
- · Chemicals known to cause reproductive toxicity for females:
- None of the ingredients are listed.

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| Chemic  | als known to cause reproductive toxicity for males: |
|---------|---|
| None of | the ingredients are listed.                         |
| Chemic  | als known to cause developmental toxicity:          |
| None of | the ingredients are listed.                         |
| New Je  | rsey Right-to-Know List:                            |
| None of | the ingredients are listed.                         |
| New Je  | rsey Special Hazardous Substance List:              |
| None of | the ingredients are listed.                         |
| Pennsy  | Ivania Right-to-Know List:                          |
| None of | the ingredients are listed.                         |
| Pennsy  | Ivania Special Hazardous Substance List:            |
| None of | the ingredients are listed.                         |
| Carcino | genic categories:                                   |
| EPA (Ei | nvironmental Protection Agency):                    |
| None of | the ingredients are listed.                         |
| TLV (Th | reshold Limit Value established by ACGIH):          |
| None of | the ingredients are listed.                         |

• NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients are listed.

- · GHS label elements Non-Regulated Material
- · Hazard pictograms: Non-Regulated Material
- Signal word: Non-Regulated Material
- · Hazard statements: Non-Regulated Material
- · National regulations:

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.



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Trade Name: cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016, Antibody Blocker, Mouse WTA Probes BC001, Mouse WTA Probes BC002, Mouse WTA Probes BC003, Mouse WTA Probes BC004, Mouse WTA Probes BC005, Mouse WTA Probes BC006, Mouse WTA Probes BC007, Mouse WTA Probes BC008, Mouse WTA Probes BC009, Mouse WTA Probes BC010, Mouse WTA Probes BC011, Mouse WTA Probes BC012, Mouse WTA Probes BC013, Mouse WTA Probes BC014, Mouse WTA Probes BC015, Mouse WTA Probes BC016, Human WT Probes v2, RHS, Human WT Probes v2. LHS. TS Primer Mix B. NT Primer Mix A

### 16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

### · Contact:

• Date of last revision/ revision number: 12/10/2021 / 2

### • Abbreviations and acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety and Health
- OSHA: Occupational Safety & Health Administration
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- \* Data compared to the previous version altered.

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### Safety Data Sheet

according to US HazCom 2012 Issue date: 22 April 2022 Revision date: 22 April 2022 Version: 1.0

### **SECTION 1: Identification** 1.1. Identification : Mixture Product form Trade name : RNase Inhibitor : 2000565, 2000555 Product code 1.2. Recommended use and restrictions on use Use of the substance/mixture : Reagent 1.3. Supplier Supplier 10x Genomics 6230 Stoneridge Mall Road Pleasanton, CA 94588-3260 T:+1 925 401 7300 E: info@10xgenomics.com 1.4. Emergency telephone number Emergency number : +1 925 401 7300 **SECTION 2: Hazard(s) identification** 2.1. Classification of the substance or mixture **GHS US classification** Not classified 2.2. GHS Label elements, including precautionary statements **GHS US labeling** No labeling applicable 2.3. Other hazards which do not result in classification Other hazards which do not result in classification : Material is hygroscopic 2.4. Unknown acute toxicity (GHS US) Not applicable **SECTION 3: Composition/Information on ingredients**

### 3.1. Substances

Not applicable

### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

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### **SECTION 4: First-aid measures** 4.1. Description of first aid measures First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. First-aid measures after skin contact : Wash with water and soap as a precaution. If skin irritation occurs: Get medical advice/attention. First-aid measures after eve contact Rinse eyes with water as a precaution. Seek medical attention if ill effect or irritation develops. : First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. If you feel unwell, seek medical advice. 4.2. Most important symptoms and effects (acute and delayed) Symptoms/effects : No adverse effects expected.

4.3. Immediate medical attention and special treatment, if necessary

6.3. Methods and material for containment and cleaning up

Treat symptomatically.

| SECTION 5: Fire-fighting measures   |  |
|---|--|
| 5.1. Suitable (and unsuitable) extinguishin   | g media  |
| Suitable extinguishing media<br>Unsuitable extinguishing media                      | <ul><li>: Use extinguishing media appropriate for surrounding fire.</li><li>: None known.</li></ul>  |
| 5.2. Specific hazards arising from the chemical                                     |  |
| Fire hazard<br>Explosion hazard<br>Hazardous decomposition products in case of fire | <ul> <li>The product is not flammable. Does not sustain combustion. In the event of fire, may decompose</li> <li>Carbon oxides (CO, CO2).</li> <li>No hazard identified.</li> <li>Thermal decomposition can lead to the release of irritating gases and vapors.</li> </ul> |
| 5.3. Special protective equipment and precautions for fire-fighters                 |  |
| Firefighting instructions<br>Protection during firefighting                         | <ul><li>Fight fire with normal precautions from a reasonable distance.</li><li>Do not attempt to take action without suitable protective equipment.</li></ul>  |

| SECTION 6: Accidental release measures                                   |   |  |  |
|--|---|--|--|
| 6.1. Personal precautions, protective equipment and emergency procedures |   |  |  |
| General measures :   | No special requirements.  |  |  |
| 6.1.1. For non-emergency personnel                                       |   |  |  |
|  | No special protection required.<br>No additional risk management measures required. |  |  |
| 6.1.2. For emergency responders  |   |  |  |
|  | No special protection required.<br>No additional risk management measures required. |  |  |
| 6.2. Environmental precautions   |   |  |  |
| No special environmental precautions required.                           |   |  |  |

| For containment: Absorb spillage to prevent material-damage.Methods for cleaning up: Wipe up with absorbent material (for example cloth). | ore motione and material for containing up |  |
|---|--|--|
|   |  |  |

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Other information

: Dispose in a safe manner in accordance with local/national regulations.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

| SECTION 7: Handling and storage                                   |   |
|---|---|
| 7.1. Precautions for safe handling                                |   |
| Precautions for safe handling<br>Hygiene measures                 | <ul><li>No special handling advices are necessary.</li><li>Use good personal hygiene practices.</li></ul> |
| 7.2. Conditions for safe storage, including any incompatibilities |   |
| Storage conditions<br>Incompatible materials                      | : Store in a well-ventilated place. Keep cool.<br>: Oxidizing materials.                                  |

### SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters RNase Inhibitor No additional information available 8.2. Appropriate engineering controls Appropriate engineering controls : No special requirements. 8.3. Individual protection measures/Personal protective equipment

### Hand protection:

In case of repeated or prolonged exposure : Wear suitable gloves resistant to chemical penetration. nitrile rubber gloves. butyl rubber gloves. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

### Eye protection:

If there is a risk of eye contact: Safety glasses with side shields

### Other information:

Do not eat, drink or smoke when using this product.

### **SECTION 9: Physical and chemical properties**

| Physical state | : Liquid            |
|----------------|---------------------|
| Appearance     | : Clear.            |
| Color          | : Colorless         |
| Odor           | : Slight            |
| Odor threshold | : No data available |
| pH             | : 7.6               |
| Melting point  | : No data available |
| Freezing point | : No data available |
| Boiling point  | : No data available |
| Flash point    | : No data available |

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| Relative evaporation rate (butyl acetate=1)<br>Flammability (solid, gas)<br>Vapor pressure<br>Relative vapor density at 20 °C<br>Relative density<br>Solubility<br>Partition coefficient n-octanol/water (Log Pow)<br>Auto-ignition temperature<br>Decomposition temperature | <ul> <li>No data available</li> <li>Not applicable.</li> <li>No data available</li> </ul> |
|--|--|
| Relative density   | : No data available  |
| Solubility   | : No data available  |
| Partition coefficient n-octanol/water (Log Pow)  | : No data available  |
| Auto-ignition temperature  | : No data available  |
| Decomposition temperature  | : No data available  |
| Viscosity, kinematic   | : No data available  |
| Viscosity, dynamic   | : No data available  |
| Explosion limits   | : No data available  |
| Explosive properties   | : No data available  |
| Oxidizing properties   | : No data available  |

### 9.2. Other information

No additional information available

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

### Oxidizing materials.

### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce : Carbon oxides (CO, CO2).

### SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| Acute toxicity (oral)             | : Not classified (Based on available data, the classification criteria are not met)         |
|-----------------------------------|---|
| Acute toxicity (dermal)           | : Not classified (Based on available data, the classification criteria are not met)         |
| Acute toxicity (inhalation)       | : Not classified (Based on available data, the classification criteria are not met)         |
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met) pH: 7.6 |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met) pH: 7.6 |
| Respiratory or skin sensitization | : Not classified (Based on available data, the classification criteria are not met)         |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met)         |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met)         |

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| Reproductive toxicity  | : Not classified (Based on available data, the classification criteria are not met) |
|------------------------|---|
| STOT-single exposure   | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard      | : Not classified (Based on available data, the classification criteria are not met) |
| Viscosity, kinematic   | : No data available   |
| Symptoms/effects       | : No adverse effects expected.  |
| Other information      | : Likely routes of exposure: ingestion, inhalation, skin and eye.                   |

### SECTION 12: Ecological information

| 12.1. Toxicity                      |  |
|-------------------------------------|--|
| Ecology - general                   | : This material has not been tested for environmental effects. |
| 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         |  |
| No additional information available |  |
|                                     |  |

### **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

Product/Packaging disposal recommendations

: Dispose of in accordance with relevant local regulations.

### **SECTION 14: Transport information**

| In accordance with DOT / TDG / IMDG / IATA |                |                |                |
|--|----------------|----------------|----------------|
| DOT  | TDG            | IMDG           | ΙΑΤΑ           |
| 14.1. UN number                            |                | ·              |                |
| Not regulated for transport                |                |                |                |
| 14.2. Proper Shipping Name                 |                |                |                |
| Not applicable                             | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es)           |                |                |                |
| Not applicable                             | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group                        |                |                |                |
| Not applicable                             | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards                |                |                |                |
| Not applicable                             | Not applicable | Not applicable | Not applicable |

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| DOT                                  | TDG | IMDG | ΙΑΤΑ |
|--------------------------------------|-----|------|------|
| No supplementary information availab | ble |      |      |

| ECTION 15: Regulatory information         |
|---|
| 5.1. US Federal regulations               |
| additional information available          |
| 5.2. International regulations            |
| ANADA<br>additional information available |
| J-Regulations                             |
| additional information available          |
| 5.3. US State regulations                 |
| additional information available          |

| SECTION 16: Other information                                     |                            |
|---|----------------------------|
| according to US HazCom 2012<br>Revision date<br>Other information | : 22 April 2022<br>: None. |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



# Safety Data Sheet

according to US HazCom 2012 Issue date: 27 April 2023 Revision date: 27 April 2023 Version: 1.0

### **SECTION 1: Identification** 1.1. Identification Product form : Mixtures Trade name DNase · 2000881 Product code : 1.2. Recommended use and restrictions on use Use of the substance/mixture : Research and development For professional use only 1.3. Supplier Manufacturer/Supplier: 10x Genomics 6230 Stoneridge Mall Road Pleasanton, CA 94588-3260 T:+1 925 401 7300 E: info@10xgenomics.com 1.4. Emergency telephone number Emergency number : +1 925 401 7300 SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture **GHS US classification** Serious eye damage/eye irritation Category 2A Causes serious eye irritation Respiratory sensitization, Category 1 May cause an allergy or asthma symptoms or breathing difficulties if inhaled 2.2. GHS Label elements, including precautionary statements **GHS US labeling** Hazard pictograms (GHS US) Signal word (GHS US) Danger : Hazard statements (GHS US) Causes serious eye irritation May cause an allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (GHS US)

: Avoid breathing mist, vapors.

Wash hands thoroughly after handling.

and easy to do. Continue rinsing.

US - en

Wear eye protection, protective gloves, protective clothing. [In case of inadequate ventilation] wear respiratory protection.

If eye irritation persists: Get medical advice/attention.

local, regional, national and/or international regulation.

If experiencing respiratory symptoms: Call a poison center or doctor.

If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

Dispose of contents/container to hazardous or special waste collection point, in accordance with

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### 2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

### **SECTION 3: Composition/Information on ingredients**

### 3.1. Substances

### Not applicable

| 3.2. Mixtures        |                     |        |  |
|----------------------|---------------------|--------|--|
| Name                 | Product identifier  | %      | GHS US classification                            |
| calcium chloride     | CAS-No.: 10043-52-4 |        | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2A, H319 |
| Nuclease, deoxyribo- | CAS-No.: 9003-98-9  | 1 – 10 | Resp. Sens. 1, H334                              |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

# SECTION 4: First-aid measures

| 4.1. Description of first aid measures                                  |   |
|---|---|
| First-aid measures general<br>First-aid measures after inhalation       | <ul> <li>Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.</li> <li>Remove person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.</li> </ul> |
| First-aid measures after skin contact                                   | : Wash with water and soap as a precaution. If skin irritation occurs: Get medical advice/attention.  |
| First-aid measures after eye contact                                    | : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and<br>easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.   |
| First-aid measures after ingestion                                      | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Do not induce vomiting. Call a physician immediately.  |
| 4.2. Most important symptoms and effe                                   | ects (acute and delayed)  |
| Symptoms/effects after inhalation<br>Symptoms/effects after eye contact | <ul> <li>May cause an allergy or asthma symptoms or breathing difficulties if inhaled.</li> <li>Causes serious eye irritation.</li> </ul>   |

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### **SECTION 5: Fire-fighting measures**

| 5.1. Suitable (and unsuitable) extinguishing  | g media   |
|---|---|
| Suitable extinguishing media<br>Unsuitable extinguishing media                      | <ul><li>: Use extinguishing media appropriate for surrounding fire.</li><li>: None.</li></ul>   |
| 5.2. Specific hazards arising from the chem   | nical   |
| Fire hazard<br>Explosion hazard<br>Hazardous decomposition products in case of fire | <ul> <li>The product is not flammable. In the event of fire, may decompose : Carbon oxides (CO, CO2).</li> <li>No hazard identified.</li> <li>Thermal decomposition may produce : Carbon oxides (CO, CO2).</li> </ul> |

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# 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions Protection during firefighting Fight fire with normal precautions from a reasonable distance.Do not attempt to take action without suitable protective equipment.

| SECTION 6: Accidental release measures |   |  |  |  |
|--|---|--|--|--|
|  |   |  |  |  |
| 6.1. Personal precautions, protective  | e equipment and emergency procedures  |  |  |  |
| General measures                       | : Avoid contact with spilled material.  |  |  |  |
| 6.1.1. For non-emergency personnel     |   |  |  |  |
| Protective equipment                   | : Wear recommended personal protective equipment. For further information refer to section 8:<br>"Exposure controls/personal protection". |  |  |  |
| Emergency procedures                   | : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing mist or vapor.   |  |  |  |
| 6.1.2. For emergency responders        |   |  |  |  |
| Protective equipment                   | : Wear recommended personal protective equipment. For further information refer to section 8:<br>"Exposure controls/personal protection". |  |  |  |
| Emergency procedures                   | : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing mist or vapor.   |  |  |  |
| 6.2. Environmental precautions         |   |  |  |  |
|  |   |  |  |  |

Avoid release to the environment.

| 6.3. Methods and material for contain                           | nment and cleaning up  |
|---|--|
| For containment<br>Methods for cleaning up<br>Other information | <ul> <li>Absorb spillage to prevent material-damage.</li> <li>Wipe up with absorbent material (for example cloth).</li> <li>Dispose in a safe manner in accordance with local/national regulations.</li> </ul> |
| 6.4. Poference to other sections                                |  |

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

| SECTION 7: Handling and store        | age   |
|--------------------------------------|---|
| 7.1. Precautions for safe handling   |   |
| Precautions for safe handling        | : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing mist or vapor.   |
| Hygiene measures                     | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Use good personal hygiene practices. |
| 7.2. Conditions for safe storage, in | ncluding any incompatibilities  |
| Storage conditions                   | : Keep container tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Store locked up.   |
| Incompatible materials               | : Oxidizing materials.  |

### **SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

**DNase** 

No additional information available

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| Nuclease, deoxyribo- (9003-98-9)       |   |  |
|--|---|--|
| No additional information available    |   |  |
| calcium chloride (10043-52-4)          |   |  |
| No additional information available    |   |  |
| 1,2,3-Propanetriol (56-81-5)           |   |  |
| USA - OSHA - Occupational Exposure Lin | its   |  |
| Local name                             | Glycerin (mist)   |  |
| OSHA PEL (TWA) [1]                     | 15 mg/m³ (mist, total particulate)<br>5 mg/m³ (mist, respirable fraction) |  |
| Regulatory reference (US-OSHA)         | OSHA Annotated Table Z-1  |  |
| Monitoring methods                     |   |  |
| Monitoring methods                     | No additional information available.                                      |  |

### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

### 8.3. Individual protection measures/Personal protective equipment

### Hand protection:

Wear suitable gloves resistant to chemical penetration. Wear suitable gloves tested to EN374

### Eye protection:

Chemical goggles or safety glasses. Use eye protection according to EN 166.

### Skin and body protection:

Long sleeved protective clothing

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

| Physical state                              | : | Liquid            |
|---|---|-------------------|
| Color                                       | : | Colorless         |
| Odor  | : | No data available |
| Odor threshold                              | : | No data available |
| рН  | : | 7.6               |
| Melting point                               | : | No data available |
| Freezing point                              | : | No data available |
| Boiling point                               | : | No data available |
| Flash point                                 | : | No data available |
| Relative evaporation rate (butyl acetate=1) | : | No data available |
| Flammability (solid, gas)                   | : | Not applicable    |
| Vapor pressure                              | : | No data available |
| Relative vapor density at 20°C              | : | No data available |
| Relative density                            | : | No data available |

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| Solubility                                      | : No data available |
|---|---------------------|
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosion limits                                | : No data available |
| Explosive properties                            | : No data available |
| Oxidizing properties                            | : No data available |
|   |                     |

### 9.2. Other information

No additional information available

### **SECTION 10: Stability and reactivity**

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability** 

Stable under normal conditions.

**10.3. Possibility of hazardous reactions** 

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Oxidizing materials.

**10.6. Hazardous decomposition products** 

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce : Carbon oxides (CO, CO2).

| 1  |
|--|
|  |
| <ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> </ul>  |
| 1000 mg/kg   |
| <ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Causes serious eye irritation.</li> <li>May cause an allergy or asthma symptoms or breathing difficulties if inhaled.</li> </ul>   |
| <ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> </ul> |
|  |

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| Viscosity, kinematic : No data available  | e not met)  |
|---|-------------|
| Symptoms/effects after inhalation : May cause an allergy or asthma symptoms or breathing difficulties if inhaled. | if inhaled. |
| Symptoms/effects after eye contact : Causes serious eye irritation.   |             |
| Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.                               |             |

| SECTION 12: Ecological information |
|------------------------------------|
|------------------------------------|

| 12.1. Toxicity                      |  |
|-------------------------------------|--|
| Ecology - general                   | : This material has not been tested for environmental effects. |
| 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         |  |
| No additional information available |  |

| SECTION 13: Disposal considerations  |   |
|--|---|
| 13.1. Disposal methods   |   |
| Waste treatment methods<br>Product/Packaging disposal recommendations<br>Ecology - waste materials | <ul> <li>Dispose of contents/container in accordance with licensed collector's sorting instructions.</li> <li>Dispose in a safe manner in accordance with local/national regulations.</li> <li>Avoid release to the environment.</li> </ul> |

| DOT                              | TDG            | IMDG           | ΙΑΤΑ           |
|----------------------------------|----------------|----------------|----------------|
| 14.1. UN number                  |                | · · ·          |                |
| Not regulated for transport      |                |                |                |
| 14.2. Proper Shipping Name       |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group              |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards      |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable |

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| DOT                                    | TDG | IMDG | ΙΑΤΑ |
|--|-----|------|------|
| No supplementary information available |     |      |      |

| SECTION 15: Regulatory information  |
|-------------------------------------|
| 15.1. US Federal regulations        |
| No additional information available |
| 15.2. International regulations     |
| No additional information available |
| 15.3. US State regulations          |
| No additional information available |

| <b>SECTION 16: Other information</b>         |   |
|--|---|
| according to US HazCom 2012<br>Revision date | : 27 April 2023   |
| NFPA health hazard                           | : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.  |
| NFPA fire hazard                             | : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand. |
| NFPA reactivity                              | : 0 - Material that in themselves are normally stable, even under fire conditions.  |
| NFPA specific hazard                         | : None  |
| Safety Data Sheet (SDS), USA                 |   |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



# Safety Data Sheet

according to US HazCom 2012 Issue date: 24 March 2023 Revision date: 24 March 2023 Version: 1.0

| SECTION 1: Identification  |   |  |  |
|--|---|--|--|
| 1.1. Identification  |   |  |  |
| Product form<br>Trade name<br>Product code   | : Mixtures<br>: DNAse Buffer<br>: 2000882               |  |  |
| 1.2. Recommended use and restrictions on use   |   |  |  |
| Use of the substance/mixture   | : For professional use only<br>Research and development |  |  |
| 1.3. Supplier  |   |  |  |
| Manufacturer/Supplier:<br>10x Genomics<br>6230 Stoneridge Mall Road Pleasanton,<br>CA 94588-3260<br>T:+1 925 401 7300<br>E: info@10xgenomics.com |   |  |  |
| 1.4. Emergency telephone number  |   |  |  |
| Emergency number   | : +1 925 401 7300                                       |  |  |
| SECTION 2: Hazard(s) identification<br>2.1. Classification of the substance or mixture   |   |  |  |
| GHS US classification Not classified   |   |  |  |
| 2.2. GHS Label elements, including precautionary statements  |   |  |  |
| GHS US labeling<br>No labeling applicable  |   |  |  |
| 2.3. Other hazards which do not result in classification   |   |  |  |
| No additional information available  |   |  |  |
| 2.4. Unknown acute toxicity (GHS US)   |   |  |  |
| No additional information available  |   |  |  |
|  |   |  |  |
| SECTION 3: Composition/Information   | n on ingredients  |  |  |
| 3.1. Substances  |   |  |  |
|  |   |  |  |

### Not applicable

### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

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### **SECTION 4: First-aid measures** 4.1. Description of first aid measures First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. First-aid measures after skin contact Wash with water and soap as a precaution. If skin irritation occurs: Get medical advice/attention. : First-aid measures after eye contact · Rinse eyes with water as a precaution. Seek medical attention if ill effect or irritation develops. First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. If you feel unwell, seek medical advice. 4.2. Most important symptoms and effects (acute and delayed) Symptoms/effects : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Normal use of this product shall imply use in accordance with the instructions on the packaging. 4.3. Immediate medical attention and special treatment, if necessary Treat symptomatically. **SECTION 5: Fire-fighting measures** 5.1 Suitable (and unsuitable) extinguishing media

| o.n. outubio (una unoutubio) oxiniguionini                     | ginodia   |
|--|---|
| Suitable extinguishing media<br>Unsuitable extinguishing media | <ul><li>Use extinguishing media appropriate for surrounding fire.</li><li>None known.</li></ul>   |
| 5.2. Specific hazards arising from the cher                    | nical   |
| Fire hazard  | : The product is not flammable. In the event of fire, may decompose : Carbon oxides (CO, CO2). Chlorinated derivatives.                                       |
| Explosion hazard   | : No hazard identified.   |
| Hazardous decomposition products in case of fire               | : Thermal decomposition may produce : Carbon oxides (CO, CO2). Chlorinated derivatives.   |
| 5.3. Special protective equipment and pred                     | cautions for fire-fighters  |
| Firefighting instructions<br>Protection during firefighting    | <ul><li>Fight fire with normal precautions from a reasonable distance.</li><li>Do not attempt to take action without suitable protective equipment.</li></ul> |

| SECTION 6: Accidental release measures       |  |  |  |
|--|--|--|--|
| 6.1. Personal precautions, protec            | tive equipment and emergency procedures  |  |  |
| General measures                             | : No special requirements.   |  |  |
| 6.1.1. For non-emergency personnel           |  |  |  |
| Protective equipment<br>Emergency procedures | <ul><li>No special protection required.</li><li>No additional risk management measures required.</li></ul> |  |  |
| 6.1.2. For emergency responders              |  |  |  |
| Protective equipment<br>Emergency procedures | <ul><li>No special protection required.</li><li>No additional risk management measures required.</li></ul> |  |  |
| 6.2. Environmental precautions               |  |  |  |
|  |  |  |  |

Avoid release to the environment.

| 6.3. Methods and material for containment and cleaning up |   |
|---|---|
| For containment   | : Absorb spillage to prevent material-damage. |

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| 5 1 | <ul><li>Wipe up with absorbent material (for example cloth).</li><li>Dispose in a safe manner in accordance with local/national regulations.</li></ul> |
|-----|--|
|     |  |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13: "Disposal considerations".

| SECTION 7: Handling and storage                   |  |
|---|--|
| 7.1. Precautions for safe handling                |  |
| Precautions for safe handling<br>Hygiene measures | <ul> <li>No special handling advices are necessary.</li> <li>Wash hands and other exposed areas with mild soap and water before eating, drinking or<br/>smoking and when leaving work. Do not eat, drink or smoke when using this product. Use good<br/>personal hygiene practices.</li> </ul> |
| 7.2. Conditions for safe storage, including       | any incompatibilities  |

 Storage conditions
 : Store in a well-ventilated place. Keep cool.

 Incompatible materials
 : None known.

### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| DNAse Buffer                          |  |  |
|---------------------------------------|--|--|
| No additional information available   |  |  |
| Monitoring methods                    |  |  |
| Monitoring methods                    | No additional information available.   |  |
| 8.2. Appropriate engineering controls |  |  |
| Appropriate engineering controls      | : No special requirements. None under normal use. Normal use of this product shall imply use in accordance with the instructions on the packaging. |  |

8.3. Individual protection measures/Personal protective equipment

### Personal protective equipment:

No special protection required.

### Other information:

Do not eat, drink or smoke when using this product.

### 9.1. Information on basic physical and chemical properties

| Physical state | : Liquid            |
|----------------|---------------------|
| Appearance     | : Clear.            |
| Color          | : Colorless         |
| Odor           | : Odorless          |
| Odor threshold | : No data available |
| рН             | : No data available |
| Melting point  | : No data available |
| Freezing point | : No data available |

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| Boiling point<br>Flash point<br>Relative evaporation rate (butyl acetate=1)<br>Flammability (solid, gas)<br>Vapor pressure<br>Relative vapor density at 20°C<br>Relative density<br>Solubility<br>Partition coefficient n-octanol/water (Log Pow)<br>Auto-ignition temperature<br>Decomposition temperature<br>Viscosity, kinematic<br>Viscosity, kinematic<br>Viscosity, dynamic<br>Explosion limits<br>Explosive properties | <ul> <li>No data available</li> <li>does not flash</li> <li>No data available</li> </ul> |
|---|--|
| •   |  |
| Oxidizing properties  | : No data available  |
|   |  |

### 9.2. Other information

No additional information available

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### **10.2. Chemical stability**

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce : Carbon oxides (CO, CO2). Chlorinated derivatives.

| SECTION 11: Toxicological information      |   |  |
|--|---|--|
| 11.1. Information on toxicological effects |   |  |
| Acute toxicity (oral)                      | : Not classified (Based on available data, the classification criteria are not met) |  |
| Acute toxicity (dermal)                    | : Not classified (Based on available data, the classification criteria are not met) |  |
| Acute toxicity (inhalation)                | : Not classified (Based on available data, the classification criteria are not met) |  |
| Skin corrosion/irritation                  | : Not classified (Based on available data, the classification criteria are not met) |  |
| Serious eye damage/irritation              | : Not classified (Based on available data, the classification criteria are not met) |  |
| Respiratory or skin sensitization          | : Not classified (Based on available data, the classification criteria are not met) |  |
| Germ cell mutagenicity                     | : Not classified (Based on available data, the classification criteria are not met) |  |
| Carcinogenicity                            | : Not classified (Based on available data, the classification criteria are not met) |  |

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| Reproductive toxicity  | : Not classified (Based on available data, the classification criteria are not met)  |
|------------------------|--|
| STOT-single exposure   | : Not classified (Based on available data, the classification criteria are not met)  |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met)  |
| Aspiration hazard      | : Not classified (Based on available data, the classification criteria are not met)  |
| Viscosity, kinematic   | : No data available  |
| Symptoms/effects       | : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Normal use of this product shall imply use in accordance with the instructions on the packaging. |
| Other information      | : Likely routes of exposure: ingestion, inhalation, skin and eye.  |

SECTION 12<sup>,</sup> Ecological information

| SECTION 12. Ecological information  |  |
|-------------------------------------|--|
| 12.1. Toxicity                      |  |
| Ecology - general                   | : This material has not been tested for environmental effects. |
| 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         |  |
| Other information                   | : Avoid release to the environment.                            |

| SECTION 13: Disposal considerations                                   | 5  |
|---|--|
| 13.1. Disposal methods  |  |
| Waste treatment methods<br>Product/Packaging disposal recommendations | <ul> <li>Dispose of contents/container in accordance with licensed collector's sorting instructions.</li> <li>Dispose in a safe manner in accordance with local/national regulations.</li> </ul> |

: Avoid release to the environment.

### **SECTION 14: Transport information**

Ecology - waste materials

| In accordance with DOT / TDG / IMDG | G / IATA       |                |                |
|-------------------------------------|----------------|----------------|----------------|
| DOT                                 | TDG            | IMDG           | ΙΑΤΑ           |
| 14.1. UN number                     |                |                |                |
| Not regulated for transport         |                |                |                |
| 14.2. Proper Shipping Name          |                |                |                |
| Not applicable                      | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es)    |                |                |                |
| Not applicable                      | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group                 |                |                |                |
| Not applicable                      | Not applicable | Not applicable | Not applicable |

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| DOT                                  | TDG            | IMDG           | ΙΑΤΑ           |
|--------------------------------------|----------------|----------------|----------------|
| 14.5. Environmental hazards          |                |                |                |
| Not applicable                       | Not applicable | Not applicable | Not applicable |
| No supplementary information availab | le             | 1              |                |

### SECTION 15: Regulatory information

### 15.1. US Federal regulations

### No additional information available

| 15.2. International regulations                             |  |  |
|---|--|--|
| CANADA<br>No additional information available               |  |  |
| EU-Regulations<br>No additional information available       |  |  |
| National regulations<br>No additional information available |  |  |
| 15.3. US State regulations                                  |  |  |

No additional information available

| SECTION 16: Other informatior | 1   |
|-------------------------------|---|
| according to US HazCom 2012   |   |
| Revision date                 | : 24 March 2023   |
| Other information             | : None.   |
| NFPA health hazard            | : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.                                |
| NFPA fire hazard              | : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand. |
| NFPA reactivity               | : 0 - Material that in themselves are normally stable, even under fire conditions.  |
| NFPA specific hazard          | : None  |
|                               |   |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



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| SECTION 1: Identification  |  |
|--|--|
| 1.1. Identification  |  |
| Product form<br>Trade name<br>Product code   | : Mixtures<br>: RNAse Buffer C<br>: 2000883  |
| 1.2. Recommended use and restrictions of   | n use  |
| Use of the substance/mixture   | : Reagent  |
| 1.3. Supplier  |  |
| Manufacturer/Supplier:<br>10x Genomics<br>6230 Stoneridge Mall Road Pleasanton,<br>CA 94588-3260<br>T:+1 925 401 7300<br>E: info@10xgenomics.com |  |
| 1.4. Emergency telephone number  |  |
| Emergency number   | : +1 925 401 7300  |
| SECTION 2: Hazard(s) identification  |  |
| 2.1. Classification of the substance or mix  | aure   |
| GHS US classification<br>Serious eye damage/eye irritation Category 2A   | Causes serious eye irritation  |
| 2.2. GHS Label elements, including preca   | utionary statements  |
| GHS US labeling<br>Hazard pictograms (GHS US)  |  |
| Signal word (GHS US)<br>Hazard statements (GHS US)<br>Precautionary statements (GHS US)  | <ul> <li>Warning</li> <li>Causes serious eye irritation</li> <li>Wash hands thoroughly after handling.<br/>Wear eye protection, protective gloves.<br/>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present<br/>and easy to do. Continue rinsing.<br/>If eye irritation persists: Get medical advice/attention.</li> </ul> |
| 2.3. Other hazards which do not result in o  | classification   |

### No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

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### **SECTION 3: Composition/Information on ingredients**

### 3.1. Substances

### Not applicable

### 3.2. Mixtures

| Name                    | Product identifier    | % | GHS US classification  |
|-------------------------|-----------------------|---|--|
| Proprietary ingredient* | CAS-No.: Trade Secret |   | Acute Tox. 2 (Inhalation:dust,mist), H330<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318 |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

| SECTION 4: First-aid measures                                     |   |
|---|---|
| 4.1. Description of first aid measures                            |   |
| First-aid measures general<br>First-aid measures after inhalation | <ul> <li>Call a poison center or a doctor if you feel unwell.</li> <li>Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.</li> </ul> |
| First-aid measures after skin contact                             | : Wash with water and soap as a precaution. Seek medical attention if ill effect or irritation develops.  |
| First-aid measures after eye contact                              | : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.          |
| First-aid measures after ingestion                                | : Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.   |
| 4.2. Most important symptoms and effe                             | ects (acute and delayed)  |
| Symptoms/effects after eye contact                                | : Eye irritation.   |
| 4.3. Immediate medical attention and s                            | pecial treatment, if necessary  |

Treat symptomatically.

### **SECTION 5: Fire-fighting measures**

| 5.1. Suitable (and unsuitable) extinguishing                   | a media  |
|--|--|
| Suitable extinguishing media<br>Unsuitable extinguishing media | : Use extinguishing media appropriate for surrounding fire.<br>: None known.   |
| 5.2. Specific hazards arising from the chem                    | nical  |
| Fire hazard<br>Explosion hazard                                | <ul> <li>The product is not flammable. Does not sustain combustion. In the event of fire, may decompose</li> <li>Carbon oxides (CO, CO2). Chlorinated derivatives.</li> <li>No hazard identified.</li> </ul> |
| Hazardous decomposition products in case of fire               | : Thermal decomposition can lead to the release of irritating gases and vapors.  |
| 5.3. Special protective equipment and prec                     | autions for fire-fighters  |
| Firefighting instructions<br>Protection during firefighting    | <ul><li>Fight fire with normal precautions from a reasonable distance.</li><li>Do not attempt to take action without suitable protective equipment.</li></ul>  |

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| SECTION 6: Accidental release me           | easures   |
|--|---|
| 6.1. Personal precautions, protective      | equipment and emergency procedures  |
| 6.1.1. For non-emergency personnel         |   |
| Protective equipment                       | : Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  |
| Emergency procedures                       | : Avoid contact with eyes.  |
| 6.1.2. For emergency responders            |   |
| Protective equipment                       | : Wear recommended personal protective equipment. For further information refer to section 8:<br>"Exposure controls/personal protection".   |
| Emergency procedures                       | : Stop leak if safe to do so. Evacuate unnecessary personnel. Ventilate area.   |
| 6.2. Environmental precautions             |   |
| Avoid release to the environment.          |   |
| 6.3. Methods and material for contain      | ment and cleaning up  |
| For containment<br>Methods for cleaning up | <ul> <li>Collect spillage.</li> <li>Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).</li> <li>Store away from other materials.</li> </ul> |
| Other information                          | : Dispose in a safe manner in accordance with local/national regulations.   |
| 6.4. Reference to other sections           |   |

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

| SECTION 7: Handling and storage             |   |
|---|---|
| 7.1. Precautions for safe handling          |   |
| Precautions for safe handling               | : Ensure good ventilation of the work station. Avoid contact with eyes. Wear personal protective<br>equipment.  |
| Hygiene measures                            | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |
| 7.2. Conditions for safe storage, including | any incompatibilities   |
| Storage conditions                          | : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.   |
| Incompatible materials                      | : None known.   |

### SECTION 8: Exposure controls/personal protection

| 8.1. Control parameters                                      |  |  |
|--|--|--|
| RNAse Buffer C   |  |  |
| No additional information available                          |  |  |
| Polyethylene glycol (25322-68-3)                             |  |  |
| USA - AIHA - Occupational Exposure Limits                    |  |  |
| WEEL TWA 10 mg/m <sup>3</sup> (molecular weight>200-aerosol) |  |  |

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| Proprietary ingredient* (Trade Secret                               | et)   |
|---|---|
| No additional information available                                 |   |
| 8.2. Appropriate engineering contro                                 | is  |
| Appropriate engineering controls<br>Environmental exposure controls | <ul><li>Eyewash station. Ensure good ventilation of the work station.</li><li>Avoid release to the environment.</li></ul> |
| 8.3. Individual protection measures/                                | Personal protective equipment   |

### Hand protection:

No special protection required

### Eye protection:

If there is a risk of eye contact: Safety glasses

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Thermal hazard protection:

No special protection required.

### Other information:

Do not eat, drink or smoke during use.

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

| Physical state                                  | : Liquid            |
|---|---------------------|
| Appearance                                      | : Clear.            |
| Color   | : Colorless         |
| Odor  | : Odorless          |
| Odor threshold                                  | : No data available |
| рН  | : No data available |
| Melting point                                   | : No data available |
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : does not flash    |
| Relative evaporation rate (butyl acetate=1)     | : No data available |
| Flammability (solid, gas)                       | : Not flammable.    |
| Vapor pressure                                  | : No data available |
| Relative vapor density at 20°C                  | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosion limits                                | : No data available |
| Explosive properties                            | : No data available |
| Oxidizing properties                            | : No data available |
|   |                     |

### 9.2. Other information

No additional information available

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### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### **10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products** 

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In the event of fire, may decompose : Carbon oxides (CO, CO2). Chlorinated derivatives.

| SECTION 11: Toxicological information   | ition   |
|---|---|
| 11.1. Information on toxicological effect                                       | ts  |
| Acute toxicity (oral)<br>Acute toxicity (dermal)<br>Acute toxicity (inhalation) | <ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> </ul> |
| Proprietary ingredient* (Trade Secret)  |   |
| ATE US (dust, mist)   | 0.05 mg/l/4h  |
| Skin corrosion/irritation   | : Not classified (Based on available data, the classification criteria are not met)   |
| Serious eye damage/irritation   | : Causes serious eye irritation.  |
| Respiratory or skin sensitization   | : Not classified (Based on available data, the classification criteria are not met)   |
| Germ cell mutagenicity  | : Not classified (Based on available data, the classification criteria are not met)   |
| Carcinogenicity   | : Not classified (Based on available data, the classification criteria are not met)   |
| Reproductive toxicity   | : Not classified (Based on available data, the classification criteria are not met)   |
| STOT-single exposure  | : Not classified (Based on available data, the classification criteria are not met)   |
| STOT-repeated exposure  | : Not classified (Based on available data, the classification criteria are not met)   |
| Aspiration hazard   | : Not classified (Based on available data, the classification criteria are not met)   |
| Viscosity, kinematic  | : No data available   |
| Symptoms/effects after eye contact  | : Eye irritation.   |
| Other information   | : Likely routes of exposure: ingestion, inhalation, skin and eye.   |

| SECTION 12: Ecological information     |  |
|--|--|
| 12.1. Toxicity                         |  |
| Ecology - general :                    | This material has not been tested for environmental effects. |
| Proprietary ingredient* (Trade Secret) |  |
| LC50 - Fish [1]                        | 107 mg/l (Exposure time: 96 h - Species: Danio rerio)        |

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| 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         |                                     |
| Other information                   | : Avoid release to the environment. |
|                                     |                                     |

| SECTION 13: Disposal considerations  |   |
|--|---|
| 13.1. Disposal methods   |   |
| Waste treatment methods<br>Product/Packaging disposal recommendations<br>Ecology - waste materials | <ul> <li>Dispose of contents/container in accordance with licensed collector's sorting instructions.</li> <li>Dispose in a safe manner in accordance with local/national regulations.</li> <li>Avoid release to the environment.</li> </ul> |

### **SECTION 14: Transport information**

| DOT                             | TDG            | IMDG           | ΙΑΤΑ           |
|---------------------------------|----------------|----------------|----------------|
| 14.1. UN number                 |                |                | I              |
| Not regulated for transport     |                |                |                |
| 14.2. Proper Shipping Name      |                |                |                |
| Not applicable                  | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es | )              |                | -              |
| Not applicable                  | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group             |                |                |                |
| Not applicable                  | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards     |                |                |                |
| Not applicable                  | Not applicable | Not applicable | Not applicable |

### SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

15.2. International regulations

### CANADA

No additional information available

### Safety Data Sheet

according to US HazCom 2012

### **EU-Regulations**

No additional information available

### **National regulations**

No additional information available

### 15.3. US State regulations

No additional information available

| <b>SECTION 16: Other information</b> |   |
|--------------------------------------|---|
| according to US HazCom 2012          |   |
| Revision date                        | : 24 March 2023   |
| Other information                    | : None.   |
| NFPA health hazard                   | : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.  |
| NFPA fire hazard                     | : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand. |
| NFPA reactivity                      | : 0 - Material that in themselves are normally stable, even under fire conditions.  |
| NFPA specific hazard                 | : None  |
| 0-f-t-D-t-Obt(0D0) 1104              |   |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.