

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

|                 |                    |               |                                   |
|-----------------|--------------------|---------------|-----------------------------------|
| Product Name:   | Ultrapure Water    | Manufacturer: | Bionano Genomics                  |
| Description:    | Laboratory Reagent | Address:      | 9640 Towne Centre Drive, Ste. 100 |
| Product Number: | 20165              |               | San Diego, CA 92121               |
| SDS Issued:     | March 24, 2017     | Telephone:    | (858) 888-7600                    |

**2 HAZARDS IDENTIFICATION**

Hazard Class/Category: This product is not classified as a hazardous material under Globally Harmonized System (GHS) classification schemes (29 CFR 1910, 1200 Appendix A and Appendix B; United Nations Globally Harmonized System of Classification and Labelling, Sixth Edition, Chapters 2 and 3).

Label Elements:

Hazard Pictograms: Not applicable.  
 Signal Word: Not applicable.  
 Hazard Statements: Not applicable.  
 Precautionary Statements: Not Applicable

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

| Component: | CAS No.:  | Percent Composition: |
|------------|-----------|----------------------|
| Water      | 7732-18-5 | 100%                 |

**4 FIRST AID MEASURES**

Eye Contact: Not applicable.  
Skin Contact: Not applicable.  
Ingestion: Not applicable.  
Inhalation: Not applicable.

**5 FIRE FIGHTING MEASURES**

Flammability of the Product: Non-flammable.  
Extinguishing Media: Not applicable.  
Special Firefighting Procedures: Not applicable.  
Unusual Fire & Explosion Hazards: Not applicable.

**6 ACCIDENTAL RELEASE MEASURES**

Personal precaution: Not applicable.  
Environmental precautions: Not applicable.  
Methods for cleaning up: Wipe up with a damp cloth and place in container for disposal.

**7 HANDLING AND STORAGE**

Handling: No Special handling requirements for normal use of this material.  
Storage: Store as directly by product packaging.

## 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

No Occupational Exposure Limit (OEL) or Short Term Exposure Limit (STEL) has been identified.

|                                    |  |
|------------------------------------|--|
| <u>Eye Protection:</u>             | Not required for the normal use of this product.   |
| <u>Hand Protection:</u>            | Not required for the normal use of this product.   |
| <u>Respiratory Protection:</u>     | Not required for the normal use of this product.   |
| <u>Ventilation:</u>                | Not required for the normal use of this product.   |
| <u>Other Protective Equipment:</u> | Lab coat or apron. Safety shower and eye wash facilities should be made available in laboratory. |

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                      |                |
|--------------------------------------|----------------|
| <u>Appearance:</u>                   | Liquid.        |
| <u>Odor:</u>                         | None.          |
| <u>pH:</u>                           | 7.             |
| <u>Melting Point/Freezing Point:</u> | 0°C.           |
| <u>Boiling Point:</u>                | 100°C.         |
| <u>Flammability:</u>                 | Non-flammable. |

## 10 STABILITY AND REACTIVITY

|                                  |                 |
|----------------------------------|-----------------|
| <u>Incompatibility:</u>          | None.           |
| <u>Stability:</u>                | Stable.         |
| <u>Hazardous Polymerization:</u> | Not applicable. |
| <u>Conditions to Avoid:</u>      | None.           |

## 11 TOXICOLOGICAL INFORMATION

The toxicological properties of this material have not been investigated. For research and development purposes only.

## 12 ECOLOGICAL INFORMATION

Environmental Overview: No harmful effects to aquatic organisms are expected

## 13 DISPOSAL CONSIDERATIONS

Prepare, transport, treat, store, and dispose of waste product according to all applicable local, U.S. State and U.S. Federal regulations, the applicable Canadian standards, or other appropriate national standards.

## 14 TRANSPORTATION INFORMATION

Ship as a non-regulated material. Non transportation registrations apply. The acute toxicity profile does not warrant shipment as a hazardous material (DOT) or a dangerous good (IATA).

## 15 REGULATORY INFORMATION

The toxicological properties of this material have not been investigated. For research and development purposes only.

## 16 OTHER INFORMATION

Limitations: The information and recommendations set forth in this SDS are believed to be correct as of this date. BioNano Genomics makes no warranty with respect to the content of this SDS and disclaims all liability from reliance thereon.

Documentation:

Change Indicated: Prepared per OSHA Hazard Communication Standard (29 CFR 1910.1200).

Date of Publication: March 24, 2017

Supersedes: Not applicable.

References for Development:

\* SAFETY DATA SHEETS FOR COMPONENT PRODUCTS.

\* RTECS – Registry of Effects of Toxic Chemicals

\* ECHA: European Chemical Hazards Agency <http://echa.europa.eu/en/information-on-chemicals/>

\* TOXNET: <http://toxnet.nlm.nih.gov/>