

1. Identification of the Substance or Mixture/Preparation & of the Company/Undertaking**Product identifiers:****Product Name:** DNA/Nuclease-Free Water**Part Number:** 100064**CAS-No:** 7732-18-5**Recommended use of the chemical and restrictions on use:****Recommended use:** Reagent**Details of the supplier of the safety data sheet:****Manufacturer address:****BioSkryb Genomics, Inc.
2810 Meridian Parkway, Suite 110
Durham, NC 27713 USA****Company phone number:****+1 919-370-0841****E-mail address:****info@bioskryb.com****Emergency telephone number:****24 Hour Emergency Phone Number:** 1-800-535-5053**2. Hazards Identification****Classification of the substance or mixture:** Not a hazardous substance or mixture.**GHS Label elements, including precautionary statements:** Not a hazardous substance or mixture.**Hazards not otherwise classified (HNOC) or not covered by GHS:** None**3. Composition/Information on Ingredients**

Chemical characterization: Substance
Substance name: Water
Hazardous ingredients: No hazardous ingredients.

4. First Aid Measures

Description of first aid measures:

Eye contact: No special measures required.

Skin contact: Does not irritate the skin

Inhalation: If the patient feels unwell or is concerned, obtain medical advice

Ingestion: No special measures required.

5. Firefighting Measures

Extinguishing media: Substance is not flammable.

Suitable extinguishing media: Substance is not flammable.

Special hazards arising from the substance or mixture: None known.

Advice for firefighters: No special advice.

Further information: No special measures required.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Not required.

Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up: No special measures required.

7. Handling and Storage

Precautions for safe handling: No special precautions required.

Conditions for safe storage: No special requirements. Keep container tightly closed.

Specific end use(s): Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

For research use only. Not for use in diagnostic procedures.

8. Exposure Controls/Personal Protection

Engineering Controls: None

Exposure controls: Not required

Eye/face protection: Not required

Skin and body protection: Not required

Respiratory protection: Not required

Control of environmental exposure: Not required

9. Physical and Chemical Properties

Information on basic physical and chemical properties:

a) **Appearance Form:** clear liquid

b) **Odor:** Odorless

c) **Odor Threshold:** Not determined

d) **pH:** 8.5

e) **Melting point/freezing point:** 0°C

f) **Initial boiling point and boiling range:** 100°C

g) **Flash point:** Not applicable

h) **Evaporation rate:** Not determined

i) **Flammability (solid, gas):** Not applicable

j) **Upper/lower flammability or explosive limits:** Product does not present an explosion hazard

k) **Vapor pressure:** Not determined

l) **Vapor density:** Not determined

m) **Relative density:** 1g/cm³

n) **Water solubility:** Soluble

o) **Partition coefficient:** n-octanol/water: Not determined

p) **Auto-ignition temperature:** No data available

q) **Decomposition temperature:** No data available

r) **Viscosity:** .0952 mPas at 20°C

s) **Explosive properties:** No data available

t) **Oxidizing properties:** Not determined

10. Stability and Reactivity

Reactivity: No further relevant information available.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: None

Other decomposition products: None

Hazardous decomposition products formed under fire conditions: None

In the event of fire: See section 5

MSDS DNA/Nuclease-free Water V1.2

11. Toxicological Information

Information on toxicological effects:

Acute toxicity: None

Dermal: No irritant effect

Skin corrosion/irritation: No irritant effect

Serious eye damage/eye irritation: Possible minor irritating effect

Respiratory or skin sensitization: Not classified based on available information.

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC: Substance is not listed

NTP: Substance is not listed

OSHA: Substance is not listed

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: None

Specific target organ toxicity - repeated exposure: None

Aspiration hazard: None

12. Ecological Information

Toxicity: Not harmful to the aquatic environment

Persistence and degradability: No data available

Bioaccumulative potential: None

Mobility in soil: No data available

Results of PBT and vPvB assessment: Not applicable

Other adverse effects: None

13. Disposal Considerations

Waste treatment methods:

Product: No special requirements

Contaminated packaging: No special requirements

Disposal of wastes: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. Transport Information

UNRTDG: Not regulated as a dangerous good

IATA-DGR: Not regulated as a dangerous good

IMDG-Code: Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

Domestic regulation

49 CFR: Not regulated as a dangerous good

15. Regulatory information

SARA 302 Components: Substance is not listed.

SARA 313 Components: Substance is not listed.

SARA 311/312 Hazards: Substance is not listed.

US State Regulations

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

TSCA list

Not subject to a Significant New Use Rule.

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. 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.

Users must make independent determinations of suitability and completeness of information from all sources to assure proper use, storage and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

BioSkryb Genomics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.