

### 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, Inc.  
info@bioskryb.com  
701 West Main St, Suite 200  
Durham, NC 27701 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/cm<sup>3</sup>
- 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

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