

UltraPure DNase/RNase-Free Distilled Water

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: UltraPure DNase/RNase-Free Distilled Water
SDS Number: GPR001.A
Revision Date: 3/14/2018
Product Use: For research use only.
Supplier Details: ArcherDX, Inc.
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 Boulder, CO 80301
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2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

No GHS hazards statements indicated

GHS Precautionary Statements:

No GHS precautionary statements indicated

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients		
CAS#	%	Chemical Name
7732-18-5	100%	water

4 FIRST AID MEASURES

Inhalation: First aid normally not necessary.
Skin Contact: First aid normally not necessary.
Eye Contact: First aid normally not necessary; consult a physician if irritation occurs and persists.
Ingestion: First aid not necessary. Keep head below hips to prevent aspiration into lungs if vomiting occurs.

5 FIRE FIGHTING MEASURES

Use fire-fighting methods applicable to the surrounding fire. Firefighters should wear special protective equipment and self-contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products - none

Hazardous decomposition products formed under fire conditions - none

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions

See Section 8 for personal protective equipment. Ensure adequate ventilation. Evacuate untrained or unnecessary personnel to safe areas.

Environmental precautions

None known

Methods and materials for containment and cleaning up

Floor and surfaces may be slippery. Mop up small spills. Dike area with sand or other inert material for large spills.

7 HANDLING AND STORAGE

Handling Precautions:

See Section 8 for personal protective equipment. Avoid prolonged contact with eyes or skin.

Storage Requirements:

Keep in original or labeled container. Keep container closed and store in cool, dry place. Recommended storage temperature: 4°C / 40°F.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Engineering controls are normally not necessary. Use adequate local or mechanical ventilation to maintain good air quality and reduce vapor and mist levels.

Personal Protective Equipment:

Protective equipment normally not necessary. Observe proper laboratory procedure and workplace regulations. Work in a well ventilated area or laboratory hood.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid	Odor:	None
Odor Threshold:	Not Applicable	Solubility:	Complete
Specific Gravity or Density:	1.00	Percent Volatile:	100
Viscosity:	Not Determined	Freezing or Melting Point:	0 C / 32 F
Boiling Point:	100 C / 212 F	Flash Point:	Not Applicable
Partition Coefficient:	Not Applicable	Octanol:	Not Determined
Vapor Pressure:	Not Determined	Autoignition Temperature:	Not Applicable
pH:	5 - 9	Upper Flammability Limit and Lower Flammability Limit:	Not Applicable
Evaporation Rate:	Not Determined		

10 STABILITY AND REACTIVITY

Reactivity:

Stable under recommended use and storage conditions.

Chemical Stability:

Stable under recommended use and storage conditions.

Conditions to Avoid (incompatibility):

None known

Materials to Avoid (incompatibility):

None known

Hazardous Decomposition:

Hazardous decomposition products formed under fire conditions - None
Other decomposition products - None

11 TOXICOLOGICAL INFORMATION

Acute Toxicity - Product is non-hazardous and not harmful. No LD50 (oral, inhalation or dermal) data available.

Eye - May be irritating. Symptoms of eye irritation include pain, tearing, reddening and swelling.

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Skin - May be irritating in the event of long term exposure. Symptoms include rash and redness.

Inhalation - Not expected to be irritating. Symptoms of respiratory irritation include runny nose, sore throat, cough, chest discomfort, shortness of breath and reduced lung function.

Carcinogenicity - Not a carcinogen according to NTP, IARC or OSHA.

Reproductive toxicity - Not applicable

Teratogenicity - Not applicable

Specific target organ toxicity, single or repeat exposure - Not applicable

12 ECOLOGICAL INFORMATION

No adverse ecological effects.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state or provincial and local regulations.

14 TRANSPORT INFORMATION

Not regulated for ground, marine or air transport. No DOT, IMDG or IATA shipping name required.

15 REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA Inventory - all components listed

OSHA Hazards - No known OSHA hazards.

SARA 302 - No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards - None

SARA 313 Components - None above threshold reporting levels

State Regulations:

Massachusetts Right to Know Components - No components are subject to the Massachusetts Right to Know Act.

California Prop 65 Components - This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16 OTHER INFORMATION

Disclaimer:

This product intended for research use only. Not for use in diagnostic procedures. Use of material must be supervised by technically qualified individual.

The above information is believed to be accurate but may not be all inclusive and shall be used as a reference guide only. ArcherDX, Inc. shall not be held liable for any damage resulting from handling or contact with this product.