

1 PID: IDENTIFICATION**Product Identifiers**

Product name Nuclease-Free Water
Product number GEN-NF-001

Recommended use of the chemical and restrictions on use

Recommended use Laboratory chemical

Details of the suppliers of the safety data sheet

Company Co-Diagnostics, Inc.
2401 South Foothill Drive Suite D
Salt Lake City, Utah 84109
Telephone number (801)438-1036
Emergency phone number (801)438-1036 ext. 5

2 HAZARD(S) IDENTIFICATION**GHS Classification**

Item	Health	Flammability	Reactivity
NFPA Rating (scale 0-4)	0	0	0
HMIS Rating (scale 0-4)	0	0	0

Signal word Not Applicable.
Hazard statement(s) Not Applicable.
Pictogram(s) Not Applicable.
Other hazards Not Applicable.

3 COMPOSITION/INFORMATION

Description

The exact concentration percentages of the hazardous substances are withheld as a Co-Diagnostics, Inc. trade secret.

Substance / Mixture	Substance
Product name	Nuclease-Free Water
Synonyms	NF, DNase/RNase-Free Distilled Water.
CAS-No.	7732-18-5
EC-No.	Not Applicable

Hazardous components

Chemical Name	CAS-No.	Concentration
None		

4 FIRST-AID MEASURES

Exposure

If inhaled	If patient feels unwell or is concerned, get medical attention.
In case of skin contact	Not expected to irritate skin.
In case of eye contact	Rinse opened eye for several minutes under running water.
If swallowed	If the patient feels unwell or is concerned, obtain medical advice.
Notes to physician	None.

Most important symptoms and effects, both acute and delayed

None.

Indication of any immediate medical attention and special treatment needed

None.

5 FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.

Unsuitable extinguishing media Not known.

Special hazards arising from the substance or mixture

Not known.

Advice for fire-fighters

No special advice.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Not required.

Methods and materials for containment and cleaning up Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 HANDLING AND STORAGE

Precautions for safe handling No special measures required.

Environmental Precautions No special measures required.

Conditions for safe storage, including any incompatibilities Keep tightly closed. Store in cool dry place (prolonged storage at -20°C).

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Eye/face Protection Not required.

Skin Protection Not required.

Body Protection Not required.

Respiratory Protection Not required.

Engineering controls

Not required.

Exposure Limits

OSHA PEL Not known

ACGIH Not known

TLV Not known

NIOSH Not known

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fluid
Color	Colorless
Odor	Not determined
Odor Threshold	Not determined
pH	Not determined
Melting point/range	0°C (32°F)
Boiling point/range	100°C (212°F)
Freezing point/range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Burning rate	Not determined
Upper explosion limit	Not determined
Lower explosion limit	Not determined
Vapor pressure	Not determined

Vapor density	Not determined
Relative density	Not determined
Density	1 g/cm ³ (8.345 lbs/gal) at 20°C (68°F)
Water solubility	100%
Solubility in other solvents	0.0%
Auto-ignition temperature	Product is not self-igniting.
Decomposition temperature	Not determined
Dynamic viscosity	0.952mPas at 20°C (68°F)
Kinematic viscosity	Not determined
Explosive properties	Not an explosion hazard.
Oxidizing properties	Not determined
Partition coefficient: n-octanol/water	Not determined

10 STABILITY AND REACTIVITY

Reactivity	None
Chemical stability	None
Possibility of hazardous reactions	None
Conditions to avoid	Prolonged storage. Keep at -20°C.
Incompatible materials	None
Hazardous decomposition products	None

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

There is no evidence available indicating acute toxicity.

Routes of Exposure

If inhaled	Possible irritant
In case of skin contact	Possible irritant
In case of eye contact	Possible irritant
If swallowed	Possible irritant

Delayed, immediate, or chronic effects from short to long-term exposure

None.

Carcinogenicity

IARC:	Not listed.
NTP:	Not listed.
OSHA:	Not listed.

12 ECOLOGICAL INFORMATION

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Persistence and degradability	No information available
Bioaccumulative potential	No information available
Results of PBT and vPvB assessment	This mixture does not contain any substances that are assessed to be a PBT or a vPvB
Other adverse effects	No information available

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Appropriate method of disposal of substance or preparation: Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to section 7: Handling and Storage and section 8: Exposure Control/Personal Protection for additional information.

14 TRANSPORT INFORMATION**IATA / ADR / DOT-US / IMDG**

Not regulated in the meaning of transport regulations.

UN number Not Applicable

UN proper shipping name Not Applicable

Transport hazard class(es) Not Applicable

Packing group number Not Applicable

Environmental hazards

Not Applicable

Special precautions for user

Not Applicable

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

Not Applicable

15 REGULATORY INFORMATION**US Federal Regulations**

SARA This product is not regulated by SARA

Clean Air Act, Section 112
Hazardous Air Pollutants (HAPs)
(see 40 CFR 61) This product does not contain HAPs

TSCA 7732-18-5 water

US State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

Non-controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16 OTHER INFORMATION

The above information is believed to be correct based on our present knowledge and shall be used only as a guide. The information is applicable to the product with regard to appropriate safety precautions. This information does not guarantee the properties of the product and shall not establish a legally valid contractual relationship. Co-Diagnostics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. See invoice or packing information for additional terms and conditions of sale.

Abbreviations and acronyms

RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Code for Dangerous Goods
DOT	US Department of Transportation
IATA	International Air Transport Association
ACGIH	American Conference of Governmental Industrial Hygienists
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
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)

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
OSHA	Occupational Safety and Health Administration
TLV	Threshold limit value
PEL	Permissible exposure limit
REL	Recommended exposure limit
TSCA	Toxic Substances Control Act
SARA	The Superfund Amendments and Reauthorization Act