



Water for Injection

Safety Data Sheet

According to Regulation (EC) 1272/2008

SECTION 1 - Chemical Product and Company Identification

1.1 Product Identifiers

Product Name: : Water for Injection (WFI)
 CAS #: : 7732-18-5
 EC #: : Not available
 RTECS #: : Not available
 REACH Registration Number : Not available

1.2 Recommended Use of the Chemical and Restrictions of Use

Chemical Manufacturing

1.3 Supplier Details

Supplier: BioSpectra, Inc.
 100 Majestic Way
 Bangor, PA 18013
 T: 610.599.3400
ra@biospecta.us

1.4 Emergency Numbers

Emergency number: US & Canada: 1-800-424-9300
 Outside the US & Canada: +1 703-527-3887

SECTION 2 – Hazard Identification

2.1 Classification of Substance or Mixture

Non-Hazardous

2.2 GHS Label Elements Including Precautionary Statements

Non-Hazardous

2.3 Hazards not Classified or not Covered by the GHS

None

SECTION 3 – Composition, Information on Ingredients

Component	Classification	Concentration
Water	None	100%

Synonyms : AQUA; water, distilled, conductivity or of similar purity
 EC Number : Not available
 CAS Number : 7732-18-5
 Molecular Formula : H₂O
 Molecular Weight : Not available

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SECTION 4 – First Aid Measures

4.1 Description of Necessary First Aid Measures

Eyes	:	Due to the nature of this material, first aid may not be required.
Skin	:	Due to the nature of this material, first aid may not be required.
Ingestion	:	Due to the nature of this material, first aid may not be required.
Inhalation	:	Due to the nature of this material, first aid may not be required.
Notes to Physician	:	Treat symptomatically. Provide medical attention if large quantities have been ingested or inhaled.

4.2 Most Important Symptoms/Effects, Acute and Delayed

Refer to Section 2.2 for Precautionary Statements if any are applicable

4.3 Indication of Immediate Medical Attention and Special Treatment

No specific treatments

SECTION 5 - Firefighting Measures

5.1 Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

5.2 Specific Hazards Associated with this Chemical

No Special Hazards associated with this material

5.3 Special Equipment/Precautions for Firefighters

No Special Equipment or Precautions associated with this material.

5.4 Other Information

None

SECTION 6 - Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use proper personal protective equipment as indicated in Section 8.

6.2 Environmental Precautions

Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.

6.3 Methods and Materials for Containment and Cleaning Up

Small Spill: Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material and place in container for disposal according to local regulations (see Section 13). Dispose of via a license waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

6.4 Other Information

For disposal instructions see section 13.

SECTION 7 - Handling and Storage

7.1 Precautions for Safe Handling

Put on appropriate personal protective equipment (see Section 8).

7.2 Conditions for Storage Including any Incompatibilities

Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

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7.3 Other Information

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

SECTION 8 - Exposure Controls, Personal Protection

8.1 Control Parameters

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

8.2 Engineering Controls

Engineering controls should be used as the primary means to control exposures.

8.3 Personal Protective Equipment

Eyes

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Clothing

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Wear appropriate protective clothing to prevent skin exposure

Respirators

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Control of environment exposure

Do not let product enter drains

SECTION 9 - Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Not available
Odor	: Not available
pH	: Not available
pK _a	: Not available
Vapor Density	: Not available
Viscosity	: Not available
Melting Range	: > 0°C
Boiling Point	: 100°C
Decomposition Temperature	: Not available
Specific Gravity/Density	: Not available
Solubility	: Not available
Molecular Formula	: H ₂ O
Molecular Weight	: Not available

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SECTION 10 - Stability and Reactivity**10.1 Chemical Stability**

The product is stable.

10.2 Conditions to Avoid

No specific data.

10.3 Incompatibilities with Other Materials

No specific data.

10.4 Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition product should not be produced.

10.5 Hazardous Polymerization

Not specific test data related to reactivity available for this product or its ingredients.

SECTION 11 - Toxicological Information**11.1 Toxicological Effects**

LD50/LC50	:	No data available
LD50/LC50	:	No data available
Carcinogenicity	:	CAS# 7732-18-5: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA
Epidemiology	:	No data available
Teratogenicity	:	No data available
Reproductive Effects	:	No data available
Neurotoxicity	:	No data available
Mutagenicity	:	No data available
Other Studies	:	No data available

11.2 Additional Information

RTECS# : Not available

To the best of our knowledge the associated physical, chemical and toxicological properties of this chemical have not undergone thorough investigation, all known information is contained in this SDS.

SECTION 12 - Ecological Information**12.1 Ecotoxicity****Toxicity to Daphnia and Other Aquatic Invertebrates**

No data available

12.2 Persistence and Degradability

Biodegradability Result	:	No data available
Method	:	No data available

12.3 Bioaccumulative Potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Water	-1.38	-	low

12.4 Mobility in Soil

No information available

12.5 Results of PBT and vPvB Assessment

No information available as chemical safety assessment not required/not conducted

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12.6 Other Adverse Effects

No significant effects or critical hazards

SECTION 13 - Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 - Transport Information

Regulations	US DOT	IATA	IMDG	Further information
Shipping Name	Not Dangerous Goods	Not Dangerous Goods	Not Dangerous Goods	Not classified as dangerous in the meaning of transport regulations
Hazard Class				
UN Number				
Packing Group				

SECTION 15 - Regulatory Information**15.1 EHS Chemical Specific Regulations****SARA:**

Section 302 : This material does not contain any components with a section 302 EHS TPQ
 Section 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
 SARA 311/312 Hazards : No SARA Hazards

STATE SPECIFIC:

Massachusetts Right To Know Components : This material is not listed
 New York Right to Know Components : This material is not listed
 New Jersey Right to Know Components : This material is not listed
 Pennsylvania Right to Know Components : This material is not listed

SECTION 16 - Additional Information**16.1 Hazard Ratings**

NFPA Rating	
Health hazard	0
Fire Hazard	0
Reactivity Hazard	0

HMIS Classification	
Health hazard	0
Flammability	0
Physical Hazards	0

The information conveyed in this Safety Data Sheet is only a representation of what BioSpectra has found to be accurate based on the current information that is available in regards to this compound. BioSpectra makes no warranty, expressed or implied, with respect to such information, and therefore assumes no liability resulting from product usage. It is strongly recommended that users of this product perform their own investigations to determine the accuracy and suitability of the information for their specific purposes. In no way will BioSpectra assume liability for any claims, losses, damages to any third party, any lost profits or any special, indirect, incidental, consequential or exemplary damages that may arise, even if BioSpectra has been advised of the possibility of such damages.

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