

SAFETY DATA SHEET



Revision Date: 02.03.2020

Version 1.0

Page 1 of 5

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND THE COMPANY / UNDERTAKING

Product Identifier

Material Name: Water for Injection/Irrigation, USP (ICU Medical)

Trade Name: Not Established

Synonyms: Sterile Water for Injection, USP
Sterile Water for Irrigation, USP

Chemical Family: Not applicable

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Intended Use: Pharmaceutical product

Details of the supplier of the Safety Data Sheet:

ICU Medical, Inc.
275 North Field Drive
Lake Forest, IL 60045
(844) 654-7780

Emergency Telephone Number:

Phone: 1-(800) 241-4002, Option 6
CHEMTREC (24 hours): 1-800-424-9300
email: MedInfo_US@icumed.onmicrosoft.com

2. HAZARD IDENTIFICATION

Classification of the Substance or Mixture

GHS – Classification Not classified as hazardous

Label Elements

Signal Word: Not classified

Hazard Statements: Non-hazardous in accordance with international standards for workplace safety

Other Hazards: None

Note: This document has been prepared in accordance with standards for workplace safety, which requires the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warning included may not apply in all cases. Your needs may vary depending on the potential for exposure in your workplace.

SAFETY DATA SHEET

Material Name: Water for Injection/Irrigation, USP
Revision Date: 02.03.2020

Page 2 of 5
Version 1.0

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EU EINECS / ELINCS List	GHS Classification	%
Water for injection	7732-18-5	231-791-2	Not Listed	100

Additional Information: Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

4. FIRST AID MEASURES

Description of First Aid Measures

Eye Contact: Due to the nature of this material, first aid is not normally required.

Skin Contact: Due to the nature of this material, first aid is not normally required.

Ingestion: Due to the nature of this material, first aid is not normally required.

Inhalation: Not an expected route of exposure.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms and Effects of Exposure: No data available

Medical Conditions Aggravated by Exposure: None Known

Indication of the Immediate Medical Attention and Special Treatment Needed

Notes to Physician: None

5. FIRE FIGHTING MEASURES

Extinguishing Media: As for primary cause of the fire

Special Hazards Arising from the Substance or Mixture

Hazardous Combustion

Products: Not applicable

Fire / Explosion Hazards: Not applicable

Advice for Firefighters

SAFETY DATA SHEET

Material Name: Water for Injection/Irrigation, USP

Revision Date: 02.03.2020

Page 3 of 5

Version 1.0

Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Not applicable

Environmental Precautions

None

Methods and Material for Containment and Cleaning Up

Measures for Cleaning /

Collecting: Wipe up with damp cloth and place in container for disposal

Additional Consideration for

Large Spills: None

7. HANDLING AND STORAGE

Precautions for Safe Handling

No special handling requirements for normal use of this material.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Store as directed by product packaging

Incompatible Materials: None

Specific End Use(s): Pharmaceutical drug product

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Exposure Controls

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

Personal Protective

Equipment: Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).

Hand Protection: Not required for the normal use of this product.

Eye Protection: Not required for the normal use of this product..

Skin Protection: Not required for the normal use of this product.

Respiratory protection: None required under normal conditions of use.

SAFETY DATA SHEET

Material Name: Water for Injection/Irrigation, USP
Revision Date: 02.03.2020

Page 4 of 5
Version 1.0

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Color:	Colorless
Odor:	None	Odor Threshold:	No data available
Molecular Formula:	H ₂ O	Molecular Weight:	18.02
pH	3.2 - 6.5		
Melting/Freezing Point (°C):	0		
Boiling Point (°C):	100		
Conductivity (uS/cm):	≤ 5		
Relative Density:	0.997 g/mL at 25 deg. C		
Viscosity:	0.898 cps @25 deg. C		

10. STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	
Oxidizing Properties:	No data available
Conditions to Avoid:	None
Incompatible Materials:	None
Hazardous Decomposition:	None
Products:	

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects	
General Information:	This product is composed of non-hazardous ingredients.

12. ECOLOGICAL INFORMATION

Environmental Overview:	No harmful effects to aquatic organisms are expected.
--------------------------------	---

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:	Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and
---------------------------------	--

SAFETY DATA SHEET

Material Name: Water for Injection/Irrigation, USP
Revision Date: 02.03.2020

Page 5 of 5
Version 1.0

environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

14. TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Water for injection	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory – United States TSCA	Present
Australia (AICS):	Present
REACH – Annex IV – Exemptions from the obligations of Register	Present
EU EINECS / ELINCS List	231-791-2

16. OTHER INFORMATION

Data Sources:	Publicly available toxicity information.
Reasons for Revision:	Company/Undertaking.
Development date:	January 31, 2020
Prepared by:	ICU Medical Environment, Health & Safety Department

ICU Medical believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

END OF SAFETY DATA SHEET