



PROFESSIONAL SERIES

Deionized Water Battery Water



Product Name:	Deionized Water
Synonyms:	Deionized Water, Demineralized water, DM water
CAS Number:	7732-18-5
Formula:	H ₂ O
Appearance:	clear liquid
Boiling point:	100 °C
Molar mass:	18.015 g/mol
Density:	997 kg/m ³
Storage & Handling:	Keep container tightly closed
Packaging:	55 gal. / 208 L Drum
Transport Regulations:	Not classified as dangerous goods

Product Specifications

TEST	SPECIFICATION
Electrical Resistivity (MΩ·cm at 25 °C)	Min. 0.2 (Type IV)
Conductivity (µS·cm at 25 °C)	Max. 5 (Type IV)
pH	5.0 – 8.0

Interchem Deionized Water also known as Di-ionized water, Pure water or DI water can be used in the chemical, industrial, general laboratory, and automotive manufacturing applications that require a dependable and consistent water source without the need for ultrapure specifications. Through advanced deionization and filtration processes, our water ensures the removal of dissolved ions and impurities, offering a reliable solution for multiple tasks.

Interchem Deionized Water is used within many formulations for industrial processes, and is used in conjunction with boiler feeds. Another important point – DI Water is used mainly for its high resistivity and low conductivity properties. It is frequently found in automotive, aquarium and aquatics applications. **NOT FOR HUMAN CONSUMPTION.**

Glass Cleaning: Deionized water ensures streak-free and spot-free cleaning of glass surfaces without mineral residue.

Pharmaceuticals: Used in drug formulation and equipment cleaning to maintain product purity and safety.

Medical Sterilization: Ideal for autoclaves and sterilizing equipment, preventing contamination from dissolved minerals.

Chemical Manufacturing: Ensures purity in chemical reactions, avoiding impurities that could affect product quality.

Laboratory Applications: Used for reagent preparation, equipment cleaning, and sensitive experiments requiring contamination-free water.

Electronics Manufacturing: Prevents corrosion and ensures the cleanliness of delicate components by using mineral-free water.

Food and Beverage Industry: Applied in cleaning and processing to maintain hygiene without introducing contaminants.

Aquariums: Ensures a stable, contaminant-free environment for sensitive aquatic species.

Cosmetics: Provides a pure base for skincare and personal care product formulations.

Automotive: Used in battery solutions and coolant systems to prevent scale buildup and improve performance.

Electronics: Essential for rinsing circuit boards and components to prevent mineral deposits.

Photography: Used for rinsing film and photographic equipment to ensure clarity and prevent water spots.

Humidifiers: Used because it contains minimal minerals, preventing buildup and ensuring efficient operation.

Hydroponics: It is free of pollutants, minerals and pathogens, good for plant growth.

Hygiene products: Used to prevent contamination and improve product quality.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.

DESCRIPTION	PART#	SIZE	UNITS	ITEM UPC
DEIONIZED WATER	BW04	1 Gallon (3.79)	4	760944942674
	BW05	5 Gallon	1	-