AQUABOND Chemistry for Tomorrow SAFETY DATA SHEET

DI Water

SECTION 1: IDENTIFICATION

Product identifier used on a label:	**DI Water**
Product code:	1199
Recommended use of the chemical and restrictions on use:	Industrial use.
Chemical family:	Pure substance.
Name, address and phone # of supplier:	Aqua Bond Inc. PO Box 63635, Toronto, ON, M1V 5K2 (416) 754-7211
24 Hr. Emergency phone #	**CANUTEC (613) 996-6666**

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical:	Not classified for physical or health hazards under GHS.
Hazard: classification:	None.
Label elements:	Not applicable.
Signal word:	None.
Hazard statements:	Not applicable.
Precautionary statements:	Not applicable.
Other hazards:	Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/ mixture: Pure substance

Ingredient name	**CAS Number**	**Concentration (wt. %)**
Water	7732-18-5	99-100%

Concentrations are shown as ranges due to batch variation.

SECTION 4: FIRST-AID MEASURES

Description of first aid measures:

Ingestion	Clean mouth with tap water and drink afterwards plenty of potable water.
Inhalation	Remove to fresh air.
Skin contact	Wash skin with soap and tap water.
Eye contact	Rinse thoroughly with plenty of tap water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Most important symptoms and effects, both acute and delayed: None known.

Indication of any immediate medical attention and special treatment needed: None known.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media:	Substance is non-flammable.
Suitable	Use extinguishing media appropriate to surrounding fire.
Special hazards arising from the substance:	None expected.
Hazardous thermal decomposition products:	See Section 10 for more information.

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Special protective equipments/actions for fire-fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation.
Environmental precautions:	See Section 12 for additional ecological information
Methods and materials for containment and cleaning up:	Prevent further leakage or spillage if safe to do so.
Special spill response procedures:	In case of transportation accident, contact CANUTEC (613) 996-6666.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Keep the containers closed when not in use. Protect from freezing. Water is considered a non-regulated product, but may react vigorously with some specific materials. Avoid contact with all materials until investigation shows substance is compatible.
Conditions for safe storage:	Store in accordance with local regulations. Store in a segregated and approved area. Store protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be resealed and kept upright. Do not store in unlabeled containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Exposure limits	This product does not contain any hazardous materials with occupational exposure limits established by region specific regulatory bodies.
Engineering controls:	No special provisions are required
Individual protection measures:	Eyes/face: Safety glasses. Skin: No special protection needed. Respiratory: None known. Hygiene measures: Handle according to good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor:	Odourless.
Odor threshold:	Not applicable.
pH:	7.0
Melting/freezing point:	0 °C
Initial boiling point and boiling range:	100 °C

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Flash point:	Not available.
Evaporation rate:	Not applicable.
Flammability:	Not applicable.
Upper and lower flammability limits:	Not applicable.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	1.0 g/cc
Solubility (in water):	Soluble.
Partition coefficient n-octanol/water:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not available.
Viscosity:	Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	There are no known reactivity hazards associated with this product.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	None known.
Incompatible materials:	Strong reducing agents. Acid chlorides. Should not be combined with phosphorus materials.
Hazardous decomposition products:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure:	Skin and Eyes: Not available Inhalation: Not available Ingestion: Not available
Potential health effects (acute):	None known.
Delayed and immediate effects, chronic effects from short and long term exposure:	None known.
Potential chronic health effects:	None known.
Carcinogenicity:	Not listed as a carcinogen.
Mutagenicity:	None known.
Teratogenicity:	None known.
Developmental effects:	None known.
Fertility effects:	None known.
Sensitization:	None known.

Toxicological effects:

Acute toxicity:

Product	Result	Species	Dose	Exposure
Water	LD50 oral	Rat	90 mL/kg	-

Irritation/corrosion:

Specific target organ toxicity single exposure: Not classified.

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Specific target organ toxicity repeated exposure: Not classified.
Aspiration hazard: Not classified.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity Not available
Persistence and degradability: Not available.
Bioaccumulative potential: Not available.
Mobility in soil: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: 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 nonrecyclable 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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. 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

	TDG
UN Number:	Not regulated.
UN proper shipping name:	-
Transport hazard class:	-
Packing group:	-
Environmental hazard:	No data available.
Special precautions for user:	**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident.

SECTION 15: REGULATORY INFORMATION

United States :
Toxic Substances Control Act (TSCA) All components are listed.
Canada:
Canadian Domestic Substances List (DSL): All components are listed.

SECTION 16: OTHER INFORMATION

Revision date: February 9, 2024

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ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

Disclaimer

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