



PURITAN PRODUCTS

Effective Date: 01/01/13
Replaces Revision: 06/29/10

NON-EMERGENCY TELEPHONE
610-866-4225

24-HOUR CHEMTREC EMERGENCY TELEPHONE
800-424-9300

SDS – SAFETY DATA SHEET

1. Identification

Product Identifier: WATER

Synonyms: Not applicable

Chemical Formula: H₂O

Recommended Use of the Chemical and Restrictions On Use: Laboratory Reagent

Manufacturer / Supplier: Puritan Products; 2290 Avenue A, Bethlehem, PA 18017 **Phone:** 610-866-4225

Emergency Phone Number: 24-Hour Chemtrec Emergency Telephone 800-424-9300

2. Hazard(s) Identification

Classification of the Substance or Mixture:

Not classified

Risk Phrases:

None

Label Elements:

Trade Name: WATER

Signal Word: None

Pictogram: None

Hazard Statements: None

Precautionary Statements: None

3. Composition / Information on Ingredients

CAS Number: 7732-18-5

EC Number: 231-791-2

Molecular Weight: 18.02 g/mol

Ingredient	CAS Number	EC Number	Percent	Hazardous	Chemical Characterization
Water	7732-18-5	231-791-2	90 - 99%	No	Mixture

4. First-aid Measures

Inhalation: Not applicable

Ingestion: Not applicable

Skin Contact: Not applicable

Eye Contact: Not applicable

5. Fire-fighting Measures

Fire: Not applicable

Explosion: Not applicable

Fire Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Non-hazardous material. No special equipment or procedures required.

Environmental Precautions and Methods and Materials for Containment and Cleaning Up: Non-hazardous material. Clean up of spills requires no special equipment or procedures.

7. Handling and Storage

Precautions for Safe Handling and Conditions for Safe Storage, Including Any Incompatibilities: Keep container tightly closed. Suitable for any general chemical storage area. 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.

8. Exposure Controls / Personal Protection

Airborne Exposure Limits: Not applicable.

Ventilation System: Not applicable.

Personal Respirators (NIOSH Approved): Not applicable.

Skin Protection: None required.

Eye Protection: None required.

9. Physical and Chemical Properties

Appearance: Clear, colorless liquid

Odor: Odorless

Odor Threshold: Not applicable

pH: 7.0

% Volatiles by volume @ 21C (70F): 100

Melting Point: 0C (32F)

Boiling Point / Boiling Range: 100C (212F)

Flash Point: Not applicable

Evaporation Rate (BuAc=1): Not applicable
Flammability: Not applicable
Upper / Lower Flammability or Explosive Limits: Not applicable
Vapor Pressure (mm Hg): 17.5 @ 20C (68F)
Vapor Density (Air=1): Not applicable
Relative Density: 1000 kg/m³, liquid (4C)
Solubility: Complete (100%)
Partition Coefficient: n-octanol / water: No data available
Auto-ignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: 1.002 mPa's at 20C

10. Stability and Reactivity

Reactivity and / or Chemical Stability: Stable under ordinary use and storage conditions.

Possibility of Hazardous Reactions and Conditions to Avoid: Not applicable.

Incompatible Materials: Strong reducing agents, acid chlorides, Phosphorus Trichloride, Phosphorus Pentachloride, Phosphorus Oxychloride.

Hazardous Decomposition Products: Not applicable.

11. Toxicological Information

Emergency Overview: Water is non-hazardous.

Potential Health Effects:

Inhalation: Not applicable.

Ingestion: Not applicable.

Skin Contact: Not applicable.

Eye Contact: Not applicable.

Chronic Exposure: Not applicable.

Aggravation of Pre-existing Conditions: Not applicable.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System:) No data available.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System:) No data available.

Numerical Measures of Toxicity: Cancer Lists: NTP Carcinogen

Ingredient	Known	Anticipated	IARC Category
Water (7732-18-5)	No	No	None

Acute Toxicity: Oral LD50 (rat): 90 ml/kg. Investigated as a mutagen.

12. Ecological Information

Ecotoxicity: Not applicable.

Persistence and Degradability: Not applicable.

Bioaccumulative Potential: Not applicable.

Mobility in Soil: Not applicable.

Other adverse effects: Not applicable.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be flushed to sewer. If material becomes contaminated during use, dispose of accordingly. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Land Transport ADR/RID and GGVS/GGVE (Cross Border / Domestic)

Not regulated

Maritime Transport IMDG/GGVSea

Not regulated

Air Transport ICAO-TI and IATA-DGR

Not regulated

15. Regulatory Information

Chemical Inventory Status – Part 1

Ingredient	TSCA	EC	Japan	Australia
Water (7732-18-5)	Yes	Yes	Yes	Yes

Chemical Inventory Status – Part 2

Ingredient	Korea	Canada		Phil.
		DSL	NDSL	
Water (7732-18-5)	Yes	Yes	No	Yes

Federal, State & International Regulations - Part 1

Ingredient	SARA 302		SARA 313	
	RQ	TPQ	List Chemical	Catg.
Water (7732-18-5)	No	No	No	No

Federal, State & International Regulations - Part 2

Ingredient	RCRA		TSCA
	CERCLA	261.33	8(d)
Water (7732-18-5)	No	No	No

Chemical Weapons Convention: No	TSCA 12(b): No	CDTA: No
SARA 311/312: Acute: No	Chronic: No	Fire: No
Reactivity: No	Pure / Liquid	

Australian Hazchem Code: Not classified

Poison Schedule: None allocated

16. Other Information

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