

MSDS

WATER, DEIONIZED, ACS Reagent Grade, HPLC, USP/EP Purified, ASTM, Rinse Solution, WFI Quality, non-sterile, Reference Color Std No. 0

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Catalog Number: 6648, 9150, 9151, 9152, 9153, 9180, 9190, 9192, 9193, PWATER, R6605000, R9151300, R9191000, RAP35653, SW112700, W-100, W112700, WX-908	
Product Identity: WATER, DEIONIZED, ACS Reagent Grade, HPLC, USP/EP Purified, ASTM, Rinse Solution, WFI Quality, non-sterile, Reference Color Std No. 0	
Manufacturer's Name: RICCA CHEMICAL COMPANY LLC	Emergency Contact(24 hr) -- CHEMTREC® Domestic: 800-424-9300 International: 703-527-3887
CAGE Code: 0V553	
Address: 448 West Fork Dr Arlington, TX 76012	Telephone Number For Information: 817-461-5601
Date Prepared: 10/19/98	Revision: 14 Last Revised: 08/09/2006 Date Printed: 08/31/2006 11:16:55 am

Section 2. Composition/Information on Ingredients

Component	CAS Registry #	Concentration	ACGIH TLV	OSHA PEL
Water, Deionized	7732-18-5	100	Not Available Not Available	Not Available Not Available

Section 3: Hazard Identification

Emergency Overview: Clear, colorless liquid. Non-flammable, non-toxic, non-corrosive. Does not present any significant health hazards.

Target Organs: None identified.

Eye Contact: Not hazardous by eye contact.

Inhalation: Not likely to be hazardous by inhalation.

Skin Contact: Not hazardous by skin contact.

Ingestion: Large doses may cause stomach upset.

Chronic Effects/Carcinogenicity: None

IARC - No.

NTP - No.

OSHA - No.

Reproductive Information: Not Applicable.

Teratology (Birth Defect) Information: Not Applicable.

Section 4: First Aid Measures - In all cases, seek qualified evaluation.

Eye Contact: No action necessary to be taken.

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Inhalation: Not expected to require first aid measures.

Skin Contact: No action necessary to be taken.

Ingestion: No action necessary to be taken.

Section 5: Fire Fighting Measures

Flash Point: Not Available.

LFL: Not Available.

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions: Use normal procedures/instructions.

Fire Fighting Equipment: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Method Used: Not Available.

UFL: Not Available.

Section 6: Accidental Release Measures

Absorb the liquid with suitable material, then treat as normal refuse. The liquid may be flushed to the sewer.

Section 7. Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage.

Safety Storage Code: General

Section 8: Exposure Control/Personal Protection

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: None required.

Eye Protection: Safety glasses or goggles.

Section 9: Physical and Chemical Properties

Appearance: Clear, colorless Liquid

Odor: Odorless

Solubility in Water: Infinite

Specific Gravity: 1.0

pH: Not Available.

Boiling Point(°C): Approximately 100

Melting Point(°C): Approximately 0

Vapor Pressure: Not Applicable.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatibility: Reacts violently with elemental metals: Sodium, Lithium and Magnesium.

Hazardous Decomposition Products: None expected

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

LD50, Oral, Rat: > 90 mL/kg, details of toxic effects not reported other than lethal dose value.

Section 12. Ecological Information

Ecotoxicological Information: No information found

Chemical Fate Information: No information found

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Section 13. Disposal Considerations

Flush to sewer. Always dispose of in accordance with local, state and federal regulations.

Section 14. Transport Information

Part Numbers:

This product is not regulated.

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA Status: The above items either do not contain any specifically hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status: All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

Sara Title III:

Section 302 Extremely Hazardous Substances: Not Applicable.

Section 311/312 Hazardous Categories: No

Section 313 Toxic Chemicals: Not Applicable.

California: None Reported.

Pennsylvania: None Reported.

RCRA Status: Not Applicable.

CERCLA Reportable Quantity: None Reported.

WHMIS: Not Applicable.

Section 16. Other Information

NFPA Ratings:

Health: 0 Flammability: 0 Reactivity: 0 Special Notice Key: None

HMIS Ratings:

Health: 0 Flammability: 0 Reactivity: 0 Protective Equipment: B (Protective Eyewear, Gloves)

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Rev 1, 9-26-2000: Reformatted from WordPerfect® to Microsoft Word®; (Section 1) Revised emergency telephone number to CHEMTREC® 800-424-9300, added catalog number 9192; (Section 4) revised first aid measures; (Section 7) added storage code; (Section 11) added toxicological data reference.

Rev 2, 10-09-2001: Reformatted to electronic data format.

Rev 3, 12-26-2001: (Section 1) Revised title; added catalog numbers 9153, 9180, 9190.

Rev 4, 03-11-2002: (Section 1) added 'Rinse Solution' to title, added catalog number 6648.

Rev 5, 10-01-2002: (Section 1) added Solutions Plus catalog number W112700.

Rev 6, 03-04-2003: (Section 1) added catalog number PWATER, added ASTM to title.

Rev 7, 10-02-2003: (Section 1) added catalog number RAP35653.

Rev 8, 11-13-2003: (Section 1) added catalog number 9193.

Rev 9, 01-16-2004: Revised revision notes due to word formatted msds.

Rev 10, 11-04-2004: (Section 1) added catalog number R9151300.

Rev 11, 02-08-2005: (Section 1) added catalog number R6605000.

Rev 12, 09-28-2005: (Section 1) added Red Bird catalog number W-100.

Rev 13, 08-01-2006: (Section 1) added Red Bird catalog number WX-908.

Rev 14, 08-09-2006: (Section 1) added catalog number R9191000.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.