



HI-VALLEY CHEMICAL
LABORATORY PRODUCTS

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SAFETY DATA SHEET

Hi Valley Chemical

Deionized Water

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Deionized Water
SDS Number: R-014
Product Code: 521141-PT, 521141-QT, 521141-1, 521141-5, 521141-55
Revision Date: 9/15/2015
Version: 1.0
Chemical Formula: H2O
Supplier Details: High Valley Products, Inc.
 1134 West 850 North
 Centerville, Utah 84014
Emergency: PERS: 800-633-8253
Phone: 801-295-9591
Email: sales@hvchemical.com
Web: www.hvchemical.com

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
no GHS classifications indicated

GHS Label elements, including precautionary statements

GHS Signal Word: **NONE**

no GHS pictograms indicated for this product

GHS Hazard Statements:

no GHS hazards statements indicated

GHS Precautionary Statements:

no GHS precautionary statements indicated

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
7732-18-5	100%	water

4 FIRST AID MEASURES

Inhalation: If not breathing give artificial respiration.
Skin Contact: Not considered dangerous.
Eye Contact: Not considered dangerous.

5 FIRE FIGHTING MEASURES

Flammability: Non flammable
 Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Personal precautions, protective equipment and emergency procedures:

Personal protection see section 8

Environmental precautions:

No data available.

Methods and materials for containment and cleaning up:

Wipe up with absorbant material.

Handling Precautions:

Consider normal working hygiene.

Storage Requirements:

Store in cool/dry area.

Keep from freezing.

Personal Protective Equipment:

Water (7732-18-5) [100%]

Personal protective equipment

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Respiratory protection: No special protective equipment required.

Control of environmental exposure: Prevent product from entering drains.

Exposure Guidelines:

Water (7732-18-5) [100%] : no data available

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless.	Odor:	Odorless
Physical State:	Liquid	Molecular Formula:	H ₂ O
Odor Threshold:	No data available	Solubility:	No data available
Spec Grav./Density:	1.0	Freezing/Melting Pt.:	0.0 °C (32.0 °F)
Viscosity:	No data available	Flash Point:	No data available
Boiling Point:	100 °C (212 °F)	Vapor Density:	No data available
Partition Coefficient:	No data available	Auto-Ignition Temp:	No data available
Vapor Pressure:	No data available	UFL/LFL:	No data available
pH:	6.0 - 8.0 at 25 °C (77 °F)		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

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STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	No data available.
Materials to Avoid:	No data available.

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TOXICOLOGICAL INFORMATION

Water (7732-18-5) [100%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: ZC0110000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12 **ECOLOGICAL INFORMATION**

Water (7732-18-5) [100%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: not applicable

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13 **DISPOSAL CONSIDERATIONS**

Water (7732-18-5) [100%]

Waste treatment methods

Product: Taking into account local regulations the product may be disposed of as waste water after neutralisation.

14 **TRANSPORT INFORMATION**

Not DOT regulated.

15 **REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

Water (7732-18-5) [n/a%] TSCA

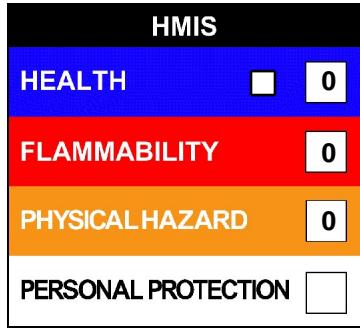
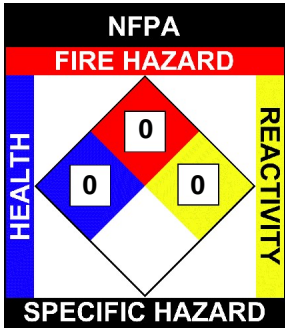
Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

16 **OTHER INFORMATION**

NFPA: Health = 0, Fire = 0, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 0, Fire = 0, Physical Hazard = 0



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