

Issuing Date 6/26/2013

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** DEIONIZED WATER

**Product Code(s)** 5115

**Recommended Use** Laboratory chemicals. Industrial (not for food or food contact use). Test kit reagent.

**Company** LaMotte Company, Inc.  
802 Washington Avenue  
P.O. Box 329  
Chestertown, MD 21620  
USA

**Emergency telephone number** 24 Hour Emergency Number (CHEM-TEL):  
USA, Canada, Puerto Rico 1-800-255-3924  
Outside North American Continent (Call collect) 813-248-0585

## 2. Hazards Identification

**EMERGENCY OVERVIEW**

The product contains no substances which at their given concentration are considered to be hazardous to health

**appearance** Clear, colorless      **Physical state** liquid      **Odor** None

**OSHA Regulatory Status** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Safety information is given for exposure to the reagent as sold and considers exposure to the chemical if user has direct eye and skin contact.

**Potential health effects**

**Principle Routes of Exposure** Eye Contact, Skin Contact, inhalation, and, Ingestion.

**Acute toxicity**

**EYES** None known.  
**skin** None known.  
**inhalation** Not an expected route of exposure.  
**Ingestion** None known.

**Chronic effects**

## 3. Composition/information on Ingredients

**Formula** H<sub>2</sub>O

Chemical name	CAS-No	Weight %
Water	7732-18-5	100

## 4. First aid measures

**General advice** Show this safety data sheet to the doctor in attendance. No hazards which require special first aid measures.

<b>Eye contact</b>	None under normal use.
<b>Skin contact</b>	None under normal use.
<b>inhalation</b>	Give artificial respiration if victim is not breathing.
<b>Ingestion</b>	None under normal use.
<b>Protection of First-aiders</b>	Use personal protective equipment. See Section 8 for more detail.

### 5. Fire-fighting measures

<b>Flammable properties</b>	Not a fire hazard.
<b>flash point</b>	Not Applicable
<b>Suitable extinguishing media</b>	Dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray.

<b>NFPA</b>	<b>Health hazard</b> 0	<b>flammability</b> 0	<b>stability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMIS</b>	<b>Health hazard</b> 0	<b>flammability</b> 0	<b>stability</b> 0	

### 6. Accidental release measures

<b>Personal precautions</b>	None required for material as supplied. Refer to Section 8.
<b>Methods for containment</b>	Soak up with inert absorbent material, containerize, and hold for disposal.
<b>Methods for cleaning up</b>	After cleaning, flush away traces with water.

### 7. Handling and Storage

<b>Handling</b>	No special handling advice required.
<b>Storage</b>	Keep containers tightly closed in a dry, cool, and well-ventilated place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Water 7732-18-5	None known	None known	None known

#### Personal protective equipment

<b>Eye/face Protection</b>	No special protective equipment required.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No special protective equipment required.

<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.
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### 9. Physical and Chemical Properties

<b>appearance</b>	Clear, colorless	<b>Odor</b>	None
<b>Physical state</b>	liquid	<b>pH</b>	Approximately neutral
<b>flash point</b>	Not Applicable	<b>Autoignition temperature</b>	Not Applicable
<b>Boiling Point/Range</b>	100°C/212°F		

**vapor pressure** Essentially the same as water      **vapor density** (Water) Essentially the same as water

## 10. Stability and Reactivity

**stability** Stable under normal conditions of use and storage.

**Hazardous polymerization** Hazardous polymerization does not occur.

## 11. Toxicological Information

### Acute toxicity

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	90 mL/kg ( Rat )	None known	None known

### Chronic toxicity

**carcinogenicity** Contains no ingredient listed as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Water	None known	None known	None known	None known

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Water	None known	None known	None known

## 12. Ecological Information

### ecotoxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Water	None known	None known	None known	None known
Chemical name	Log Pow			
Water	None known			

## 13. Disposal Considerations

**Waste Disposal Method** Can be disposed as waste water, when in compliance with local regulations.

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Water - 7732-18-5	None known	None known	None known	None known

## 14. Transport Information

**DOT** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

## 15. Regulatory information

### International Inventories

Component	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Water 7732-18-5 ( 100 )	Present	X	X	ENCS	X	KE-35400	X	X

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Water	7732-18-5	100	None known

#### SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Water 7732-18-5 ( 100 )	None known	None known	None known	None known

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

Chemical name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Water	7732-18-5	100	None known	None known	None known	None known

#### CERCLA

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Water	None known	None known

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals

Chemical name	CAS-No	California Prop. 65
Water	7732-18-5	None known

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Water	None known	None known	None known	None known	None known

### International Regulations

#### Mexico - Grade

Chemical name	Carcinogen Status	Exposure Limits

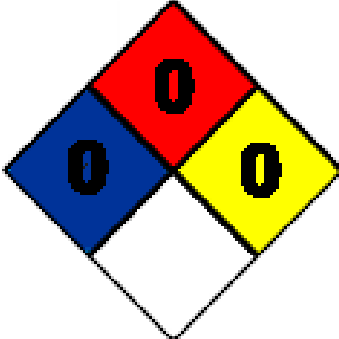
Water	None known	None known
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**CANADA**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

Component	WHMIS Hazard Class
Water 7732-18-5 ( 100 )	Uncontrolled product according to WHMIS classification criteria

16. Other information

NFWA	HMIS	PPE	Transport Symbol						
	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #0000FF; color: white;">Health Hazard</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Fire Hazard</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> </table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
Health Hazard	0								
Fire Hazard	0								
Reactivity	0								

Prepared by	Regulatory Affairs Department
Issuing Date	6/26/2013
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Revision note	Update to Format.
Disclaimer	

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**