

## 1. IDENTIFICATION

### 1.1 Product Identifiers

Product Name: Deionized Water  
 Alternative names: Water.  
 Product Number: 191-2EA, 23-5EA, 112-8EA, 309-1EA, 310-1EA, 313-1EA, 314-1EA, EHR-1-3E.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For laboratory and educational use only

### 1.3 Details of the supplier of the safety data sheet

Company: LAB-AIDS®, Inc, 17 Colt Ct., Ronkonkoma, NY 11779, USA  
 Telephone: +1 800 381 8003.  
 Fax: +1 631 820 8268

1.4 Emergency telephone number: Emergency number: CHEMTREC 1 800 424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### GHS classification

Not classified

### 2.2 Label elements, including precautionary statements

Signal word:	Not classified	Pictogram: Not classified
Hazards statements:	Not classified	
Precautionary statements:	Not classified	

2.3 Hazards not otherwise classified: None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance: Liquid

### 3.2 Mixture:

Chemical Name	Product identifier	%	GHS-US classification
Water	CAS# 7732-18-5	100%	Not classified

3.3 Chemicals where a trade secret is claimed: None

## 4. FIRST AID MEASURE

### 4.1 Description of the first aid measure:

**INGESTION:** Data not available

**INHALATION:** Data not available

**EYE CONTACT:** Data not available

**SKIN CONTACT:** Data not available

**4.2 Most important symptoms and effects, both acute and delayed:** Refer to section 11.

**4.3 Indication of any immediate medical attention and special treatment needed:** No additional information available.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

Nonflammable liquid

Suitable extinguishing media: Not applicable

### 5.2 Special hazard arising from the substance or mixture:

Not available.

### 5.3 Advice for firefighters:

No data available.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions:

Wear laboratory grade gloves, eye protection and a lab coat.

### 6.2 Emergency procedures:

Restrict unprotected personnel from the area.

### 6.3 Methods and material used for containment and cleanup procedure:

Mop up the area.

## 7. HANDLING AND STORAGE

**7.1 Precaution for safe handling:** Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Use only under adult supervision.

**7.2 Storage:** No special storage conditions required.

**7.3 Incompatibility:** Refer to section 10.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters:** ACGIH: Not classified

**8.2 Exposure controls:** Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits.

**Respiratory protection:** Non should be needed if normal laboratory handling at room temperature.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance:** Clear.

**Odor:** Not available

**pH:** 6.0-8.0

**Vapor Pressure ( mm Hg):** Not available

**Vapor Density:** Not available

**Evaporation Rate:** Not available

**Viscosity:** N/A

**Flash point:** N/A

**Autoignition:** N/A

**Boiling point:** 100°C

**Melting point:** 0.0°C

**Freezing point:** Not available

**Decomposition temp:** Not available

**Solubility:** Not available

**Specific gravity (H<sub>2</sub>O = 1):** 1 at 20°C

**Percent volatile (%):** 100%

**Molecular formula:** H<sub>2</sub>O

**Molecular weight:** 18.02

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Not available.

**Incompatibilities:** Not available

**Hazardous decomposition:** Not available.

**Hazardous polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute effects:** Eyes: No data available. Skin: No data available. Inhalation: No data available. Ingestion: No data available.

### Toxicological data

Acute oral toxicity ORAL LD<sub>50</sub>: ORAL LD<sub>50</sub>: 90g/kg [Rat].

Acute vapor toxicity IHL-LC<sub>50</sub>: Not available

DERMAL LD<sub>50</sub>: Not available

### Carcinogenicity:

California prop 65: Not classified

## 12. ECOLOGICAL INFORMATION

Not available.

## 13. DISPOSAL CONSIDERATION

Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.

## 14. TRANSPORT INFORMATION

**UN number:** N/A

**Shipping name:** N/A

**Hazard Class:** N/A

**Packing group:** N/A

**Exceptions:** Ltd Qty. N/A

## 15. REGULATORY INFORMATION

TSCA-listed. EC-No. (231-791-2)

## 16. OTHER INFORMATION

### Disclaimer:

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