



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** DI Water  
**Product code** R-0833  
**Recommended use** Use as directed by manufacturer for purposes directly related to water testing.  
**Recommended restrictions** None known

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

**Company name** Taylor Technologies, Inc.  
**Address** 31 Loveton Circle  
Sparks, MD 21152  
United States  
**Telephone** (410) 472-4340 Monday–Friday, 8:00 a.m.–4:30 p.m.  
**Website** www.taylortechnologies.com  
**E-mail** Not available  
**Emergency phone number** (800) 837-8548

## 2. Hazard(s) identification

**Physical hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
**Health hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
**Environmental hazards** Not currently regulated by OSHA. For additional information, refer to section 12 of the SDS.  
**Label elements** None required  
**Signal word** None required  
**Hazard statement** None required  
**Precautionary statement**  
**Prevention** None required  
**Response** None required  
**Storage** None required  
**Disposal** None required  
**Hazard(s) not otherwise classified** None  
**Supplemental information** None

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Deionized water	Dihydrogen oxide	7732-18-5	100

## 4. First-aid measures

**Inhalation** Not applicable  
**Skin contact** Not applicable  
**Eye contact** Not applicable  
**Ingestion** Not applicable

<b>Most important symptoms/effects, acute and delayed</b>	Not applicable
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	Ensure medical personnel are aware of the material(s) involved and take precautions to protect themselves.

## 5. Firefighting measures

<b>Suitable extinguishing media</b>	Not applicable
<b>Unsuitable extinguishing media</b>	Not applicable
<b>Specific hazards arising from the chemical</b>	Not applicable
<b>Special protective equipment and precautions for firefighters</b>	Not applicable
<b>Firefighting equipment/instructions</b>	Not applicable
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted
<b>Hazardous combustion products</b>	Not applicable

## 6. Accidental release measures

<b>Personal precautions, protective equipment, and emergency procedures</b>	Not applicable
<b>Methods and materials for containment and cleaning up</b>	Dike the spilled material where this is possible. Stop leak. Never return spills to original containers for reuse. For waste disposal, refer to section 13 of the SDS. Contaminated absorbent material may pose the same hazards as the spilled product. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.
<b>Environmental precautions</b>	Not applicable

## 7. Handling and storage

<b>Precautions for safe handling</b>	Do not taste or swallow. Wear appropriate personal protective equipment. For personal protective equipment, refer to section 8 of the SDS. Observe good industrial hygiene practices. Label containers appropriately.
<b>Conditions for safe storage, including any incompatibilities</b>	Store away from incompatible materials (refer to section 10 of the SDS). Protect against physical damage. Use care in handling/storage.

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No occupational exposure limits noted for the ingredient(s)
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s)
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles) and a face shield. Provide an emergency eyewash fountain and quick-drench shower in the immediate work area.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical-resistant gloves. Advice should be sought from glove suppliers.

<b>Other</b>	Wear appropriate chemical-resistant clothing.
<b>Respiratory protection</b>	Not applicable
<b>Thermal hazards</b>	Not applicable
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid
<b>Form</b>	Liquid
<b>Color</b>	Clear, colorless
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not available
<b>pH</b>	7
<b>Melting point/freezing point</b>	32°F (0°C)
<b>Initial boiling point and boiling range</b>	212°F (100°C)
<b>Flash point</b>	Not applicable (does not burn)
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit, lower (%)</b>	Not applicable
<b>Flammability limit, upper (%)</b>	Not applicable
<b>Explosive limit, lower (%)</b>	Not applicable
<b>Explosive limit, upper (%)</b>	Not applicable
<b>Vapor pressure</b>	17 mm Hg
<b>Vapor density</b>	0.6
<b>Relative density</b>	1.00 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Soluble in all proportions
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Other information</b>	
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not applicable
<b>Percent volatile</b>	100%
<b>Specific gravity</b>	1.00

## 10. Stability and reactivity

<b>Reactivity</b>	This product is stable and nonreactive under normal conditions of use, storage, and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use

<b>Conditions to avoid</b>	Contact with incompatible materials
<b>Incompatible materials</b>	None known
<b>Hazardous decomposition products</b>	None known. For hazardous combustion products, refer to section 5 of the SDS.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Not applicable
<b>Skin contact</b>	Not applicable
<b>Eye contact</b>	Not applicable
<b>Ingestion</b>	Not applicable
<b>Most important symptoms/effects, acute and delayed</b>	Not applicable

**Acute toxicity** This product is not classified as an acute toxicity hazard. See below for individual ingredient acute toxicity data.

Components	Species	Test Results
Deionized water (CAS 7732-18-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD <sub>50</sub>	Rabbit	Not available
<i>Inhalation</i>		
LC <sub>50</sub>	Rat	Not available
<i>Oral</i>		
LD <sub>50</sub>	Rat	>89840 mg/kg
<b>Skin corrosion/irritation</b>	Not applicable	
<b>Serious eye damage/eye irritation</b>	Not applicable	
<b>Respiratory sensitization</b>	Not expected to be a respiratory sensitizer	
<b>Skin sensitization</b>	Not expected to be a skin sensitizer	
<b>Germ cell mutagenicity</b>	Not expected to be mutagenic	
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, NTP, OSHA, or U.S. ACGIH.	
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096)</b>		
Not regulated		
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.	
<b>Specific target organ toxicity, single exposure</b>	Not classified as a specific target organ toxicity – single exposure	
<b>Specific target organ toxicity, repeated exposure</b>	Not classified as a specific target organ toxicity – repeated exposure	
<b>Aspiration toxicity</b>	Not expected to be an aspiration hazard	
<b>Chronic effects</b>	Not applicable	

## 12. Ecological information

<b>Ecotoxicity</b>	This product is not classified as environmentally hazardous.
<b>Persistence and degradability</b>	Not available
<b>Bioaccumulative potential</b>	Not available
<b>Mobility in soil</b>	Not applicable
<b>Other adverse effects</b>	No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.

<b>Hazardous waste code</b>	The waste code should be assigned in discussion with the user, the producer, and the waste disposal company.
<b>Waste from residues/unused products</b>	This material and its container must be disposed of in a safe manner (refer to Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste-handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transportation information

### DOT

Not regulated as dangerous goods

### IATA

Not regulated as dangerous goods

### IMDG

Not regulated as dangerous goods

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** This mixture is not intended to be transported in bulk.

## 15. Regulatory information

**U.S. federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory list.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

### CERCLA Hazardous Substance (40 CFR 302.4)

Not regulated

### SARA 304 Emergency Release Notification

Not regulated

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096)

Not regulated

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
 Immediate hazard – no  
 Delayed hazard – no  
 Fire hazard – no  
 Pressure hazard – no  
 Reactivity hazard – no

### SARA 302 Extremely Hazardous Substance

Not regulated

### SARA 311/312 Hazardous Chemical

Not regulated

### SARA 313 (TRI reporting)

Not regulated

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAP)

Not regulated

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated

#### Safe Drinking Water Act (SDWA)

Not regulated

### U.S. state regulations

#### California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not regulated

#### Massachusetts Right-to-Know Act

Not regulated

**New Jersey Worker and Community Right-to-Know Act**

Not regulated

**Pennsylvania Worker and Community Right-to-Know Act**

Not regulated

**Rhode Island Right-to-Know Act**

Not regulated

**California Proposition 65**

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International inventories**

Country(ies) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	yes
Canada	Domestic Substances List (DSL)	yes
Canada	Non-Domestic Substances List (NDSL)	no
China	Inventory of Existing Chemical Substances Produced or Imported in China (IECSC)	yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	yes
Europe	European List of Notified Chemical Substances (ELINCS)	no
Japan	Existing and New Chemical Substances (ENCS)	no
Korea	Existing Chemicals List (ECL)	yes
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA)	yes

\*A "yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(ies).

A "no" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(ies).

**16. Other information, including date of preparation or last revision****List of abbreviations**

ACGIH: American Conference of Governmental Industrial Hygienists  
 AICS: Australian Inventory of Chemical Substances  
 CAA: Clean Air Act  
 CAS: Chemical Abstract Services  
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act  
 CFR: Code of Federal Regulations  
 CSA: Canadian Standards Association  
 DEA: Drug Enforcement Agency  
 DOT: Department of Transportation  
 DSL: Domestic Substances List  
 EC: effective concentration  
 ECL: Existing Chemicals List  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 ENCS: Existing and New Chemical Substances  
 EPA: Environmental Protection Agency  
 HAP: hazardous air pollutants  
 HMIS: Hazardous Materials Identification System  
 HNOC: hazards not otherwise classified  
 HPA: Hazardous Products Act  
 HSDB: Hazardous Substances Data Bank  
 IARC: International Agency for Research on Cancer  
 IATA: International Air Transport Association  
 IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk  
 ICAO: International Civil Aviation Organization  
 IECSC: Inventory of Existing Chemical Substances Produced or Imported in China  
 IMDG: International Maritime Dangerous Goods  
 IUCLID: International Uniform Chemical Information Database

LC: lethal concentration  
LD: lethal dose  
MARPOL: marine pollution  
MSHA: Mine Safety and Health Administration  
NDSL: Non-Domestic Substances List  
NFPA: National Fire Protection Association  
NIOSH: National Institute of Occupational Safety and Health  
NOEC: no observable effect concentration  
NTP: National Toxicology Program  
NZIoC: New Zealand Inventory of Chemicals  
OECD: Organisation for Economic Co-operation and Development  
OEL: occupational exposure limits  
OSHA: Occupational Safety and Health Administration  
PEL: permissible exposure limits  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
PPE: personal protective equipment  
RCRA: Resource Conservation and Recovery Act  
Act RQ: reportable quantity  
RTECS: Registry of Toxic Effects of Chemical Substances  
RTK: right to know  
SARA: Superfund Amendments and Reauthorization Act  
SDS: Safety Data Sheet  
SDWA: Safe Drinking Water Act  
STEL: short-term exposure limit  
TLV: threshold limit values  
TSCA: Toxic Substances Control Act  
TWA: time-weighted average  
VOC: volatile organic compounds  
WEL: workplace exposure limit

**Disclaimer**

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