

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product name** Monarch Nuclease-Free Water  
**Product No** T2006-1

**Recommended use of the chemical and restrictions on use**

**Recommended use** This product is for research and development only  
**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address** New England BioLabs  
240 County Road  
Ipswich, MA 01938  
USA

**Company Phone Number** 978-927-5054  
800-632-5227 (toll free)

**Telefax** 978-921-1350

**E-mail address** info@neb.com

**Emergency telephone number**

**Emergency telephone** 978-927-5054  
800-632-5227 (toll free)  
9:00am - 5:00pm Monday-Friday EST

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## 2. HAZARDS IDENTIFICATION

### Emergency Overview

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

**Appearance** Colorless

**Physical state** Liquid

**Odor** Mild

### Principle Routes of Exposure

#### Acute toxicity

##### Inhalation

None known.

##### Eyes

None known.

##### Skin

None known.

##### Ingestion

None known.

### Chronic Effects

#### Chronic toxicity

No information available

#### Symptoms

No information available.

#### Aggravated Medical Conditions

None known.

#### Interactions with Other Chemicals

No information available

### Environmental hazard

See Section 12: ECOLOGICAL INFORMATION

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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## 4. FIRST AID MEASURES

### General advice

No hazards which require special first aid measures.

### Eye contact

None under normal use conditions.

### Skin contact

None under normal use conditions.

### Inhalation

None under normal use conditions.

### Ingestion

None under normal use conditions.

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## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Unsuitable extinguishing media

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None.

**Specific hazards arising from the chemical**

None in particular

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

|                    |                  |                |                    |                       |
|--------------------|------------------|----------------|--------------------|-----------------------|
| <b><u>NFPA</u></b> | Health hazards 0 | Flammability 0 | Stability 0        | Special Hazard -      |
| <b><u>HMIS</u></b> | Health hazards 0 | Flammability 0 | Physical hazards 0 | Personal protection - |

**6. ACCIDENTAL RELEASE MEASURES**

**Personal protective equipment [PPE]**

Use personal protection recommended in Section 8.

**Environmental precautions**

See Section 12 for additional Ecological Information.

**Methods for containment**

Not applicable.

**Methods for cleaning up**

Collect spillage.

**7. HANDLING AND STORAGE**

**Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

**Storage temperature**

No information available.

**Storage Conditions**

Keep/store only in original container.

**Incompatible materials**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering controls**

Showers. Eyewash stations.

**Personal protective equipment (PPE)**

**Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin and body protection**

Wear suitable protective clothing and gloves.

**Respiratory protection**

Not applicable.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice.



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None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### **Product information**

Product does not present an acute toxicity hazard based on known or supplied information.

#### **Inhalation**

No known effect.

#### **Eye contact**

No known effect.

#### **Skin contact**

No known hazard in contact with skin.

#### **Ingestion**

No known effect.

### Chronic toxicity

|  |                          |
|--|--------------------------|
| <b>Skin corrosion/irritation</b>         | Not applicable           |
| <b>Serious eye damage/eye irritation</b> | Not applicable           |
| <b>Irritation</b>                        | No information available |
| <b>Corrosivity</b>                       | Not applicable           |
| <b>Sensitization</b>                     |                          |
| <b>Skin</b>                              | No information available |
| <b>Respiratory</b>                       | No information available |
| <b>Germ cell mutagenicity</b>            | No information available |
| <b>Carcinogenicity</b>                   | No information available |

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Reproductive toxicity</b>    | No information available  |
| <b>Developmental toxicity</b>   | No information available  |
| <b>Teratogenicity</b>           | No information available  |
| <b>STOT - single exposure</b>   | No information available  |
| <b>STOT - repeated exposure</b> | No information available  |
| <b>Chronic toxicity</b>         | No information available  |
| <b>Subchronic toxicity</b>      | No information available  |
| <b>Target organ effects</b>     | No information available. |
| <b>Neurological effects</b>     | No information available  |
| <b>Other adverse effects</b>    | No information available  |
| <b>Aspiration hazard</b>        | No information available  |

## 12. ECOLOGICAL INFORMATION

### **Marine pollutant**

No information available

### Ecotoxicity

No information available

### Persistence and degradability

No information available

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**Bioaccumulation**

No information available

**Mobility**

No information available

**Other adverse effects**

No information available

**Ozone depletion potential (ODP)**

No information available

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**13. DISPOSAL CONSIDERATIONS**

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**Disposal considerations**

Use a licensed professional waste disposal service to dispose of this product. Product may be dissolved in a combustible solvent or absorbed onto a combustible material and burned by a chemical incinerator.

**Contaminated packaging**

Empty containers must be tripled rinsed prior to disposal.

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**14. TRANSPORT INFORMATION**

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**DOT** Not regulated**TDG** Not regulated**MEX** Not regulated**ICAO (air)** Not regulated**IATA** Not regulated**IMDG** Not regulated**RID** Not regulated**ADR** Not regulated**ADN** Not regulated

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**15. REGULATORY INFORMATION**

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**International Inventories****TSCA** Complies**DSL** Complies**NDSL** Complies**Legend****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**US 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

**SARA 311/312 Hazard Categories****Acute health hazard**

No

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|--|----|
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire hazard</b>                       | No |
| <b>Sudden release of pressure hazard</b> | No |
| <b>Reactive hazard</b>                   | No |

**CWA (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)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**International Regulations**

**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

**16. OTHER INFORMATION**

**Prepared by** EH&S Manager  
978-927-5054  
**Prepared by** New England BioLabs  
**Issue date** No data available  
**Revision note** SDS is valid 3 years from revision date. Contact info@neb.com for latest revision

**Disclaimer**

**IMPORTANT: The information in this SDS is provided in good faith based on our knowledge as of the issue date (or subsequent revision date, if any), and is to be used only as a guide. This SDS does not constitute a guarantee (express or implied) of any kind and we make no warranties or merchantability or fitness for a particular purpose. This information relates only to the designated product as shipped and may not be valid if the product is used in combination with any other materials or is not used in accordance with our instructions. It is the responsibility of the buyer/user to ensure that its activities comply with all applicable governmental requirements. Since conditions of use of the product are not under the control of New England Biolabs, it is the duty of the buyer/user to determine the necessary conditions for the safe use of the product. New England Biolabs will not be liable for any damages resulting from handling or contact with the product.**

**End of Safety Data Sheet**