

Molecular Biology Grade Water

Section 1: Chemical Product and Company Identification

Product Name: Molecular Biology Grade Water

Catalog Codes: NUPW-0050, -0125, -0500, -1000, -2000, -010L, -010Q, -020Q

CAS #: N/A

Synonyms: N/A

Identified Uses: Laboratory chemicals, Manufacture of substances

Brand: Growcells

Contact Information:

Growcells, Inc.

6 Chrysler

Irvine, CA 92618

(949) 380-9966

CHEMTREC (24HR Emergency Telephone), call:

1-(800) 424-9300

International CHEMTREC, call: 1-(703) 527-3887

For non-emergency assistance, call: 1-(281) 441-4400

Section 2: Hazards Identification

Classification of the substance or mixture: Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements: Not a hazardous substance or mixture.

Hazards not otherwise classified (HNO) or not covered by GHS: None

Section 3: Composition and Information on Ingredients

Synonyms: N/A

Name:	CAS #:	Weight %:
Distilled Water	7647-14-5	100%

Section 4: First Aid Measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

Most important symptoms and effects, both acute and delayed: Acute and delayed effects are indicated in section 2 and/or 11.

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

Section 5: Fire and Explosion Data

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: Nature of decomposition products are not known.

Explosion Data: No information available.

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.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid breathing vapors, mist, or gas. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves, face protection, and eye protection.

Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal.

Reference to other sections: For disposal, see section 13.

Section 7: Handling and Storage

Precautions for safe handling: Always wear protective gloves/protective clothing/eye protection/face protection. Provide appropriate local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated storage area. Storage class (TRGS 510): 12: Non Combustible Liquids

Specific end use(s): Apart from the uses mentioned in section 1, no other specific uses are stipulated.

Section 8: Exposure Controls/ Personal Protection

Components with workplace control parameters: Contains no substances with occupational exposure limit values.

Engineering Controls: General industrial hygiene practice. Provide local exhaust ventilation, showers, and eyewash stations. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment: Wear protective gloves, safety glasses with side-shields, lightweight protective clothing. Handle in accordance with good industrial hygiene and safety practices. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Control of environmental exposure: No special environmental precautions required.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid

Odor: No information available

Odor Threshold: No information available

pH: 6.50 ± 1.00

Melting point/freezing point: No information available

Initial boiling point and boiling range: No information available

Flash Point (High in °C): No information available

Evaporation Rate: No information available

Flammability (solid, gas): No information available

Upper/lower flammability or explosive limits: No information available

Molecular Biology Grade Water**Vapor pressure:** No information available**Vapor density:** No information available**Relative density:** No information available**Specific Gravity:** No information available**Water Solubility:** No information available**Solubility in other solvents:** No information available**Partition coefficient: n-octanol/water:** No information available**Auto-ignition Temperature:** No information available**Decomposition Temperature:** No information available**Kinematic viscosity:** No information available**Dynamic viscosity:** No information available**Explosive Properties:** No information available**Oxidizing Properties:** No information available**Softening Point:** No information available**Molecular Weight:** No information available**VOC Content:** No information available**Density:** No information available**Bulk Density:** No information available**Section 10: Stability and Reactivity Data****Reactivity:** No information available**Chemical stability:** Stable under recommended storage conditions.**Possibility of hazardous reactions:** No information available**Conditions to avoid:** No information available**Incompatible Materials:** No information available**Hazardous decomposition products:** Other decomposition products – No data available.**Hazardous decomposition products formed under fire conditions:** Nature of decomposition products not known. In the event of fire: see section 5.

Section 11: Toxicological Information

Acute Toxicity

LD50 Intraperitoneal	LD50 Oral	LD50 Dermal	LD50 Inhalation
No data available	No data available	No data available	No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: The table below indicates whether each agency has listed any ingredients as a carcinogen.

ACGIH	IARC	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 ACGIH.	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.	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.	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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: No data available

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

Section 12: Ecological Information

Toxicity: No data available

Persistence and degradability: No data available

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 is not required/not conducted.

Other adverse effects: No data available

Section 13: Disposal Considerations

Waste Disposal: Dispose of in accordance with all applicable Federal, State, and Local environmental regulations.

Section 14: Transport Information**DOT (US):** Not dangerous goods**IMDG:** Not dangerous goods**IATA:** Not dangerous goods**Section 15: Regulatory Information**

This product is for research use only. This product has not been approved for diagnostic or therapeutic use. Wear safety glasses, lab coat, and proper gloves.

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

OSHA: The above items either do not contain any specifically hazardous material or the potentially hazardous material is present in such low concentrations that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.10) definition of a hazardous material.

Section 16: Other Information**Last updated:** 07/24/2019

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Growcells, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Growcells, Inc. has been advised of the possibility of such damages.