

1. Product and Company Identification

1.1	Product name	pH 3.0 + pH 11.0 Calibrator
	Substance/mixture	Mixture
	CAS #	Mixture
	Kit number	MD-101205.01 + MD-101205.02
1.2	Recommended product use	
	Mixture's intended use	Diagnostic reagent for IN VITRO quantitative measurement of pH in urine.
	Product restrictions	None known
1.3	Details of the supplier of the safety data sheet	
	Manufacturer information	
	Corporate Headquarters	Diamond Diagnostics Inc.
		333 Fiske St., Holliston, MA 01746 United States of America
		www.diamonddiagnostics.com
	Telephone	+1 (508) 429-0450
	Email	support@diamonddiagnostics.com
	Distributor information	
	Distributor Headquarters	Mission Diagnostics LLC
		1 Burton Dr., Meridith, NH 03246
		United States of America
	Telephone	+1 (508) 429-0450
1.4	Emergency Telephone	
	Emergency Phone #	+1 (508) 429-0450

2. Hazards Identification

GHS- Classification

Classification This product are not classified as hazardous.

3. Composition/Information on ingredients

GHS Classification	Not a hazardous substance or mixture.
Hazardous ingredients	No hazardous ingredients

4. First Aid Measures

4.1 Description of First Aid Measures

Eye Contact	In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes while holding eyelids open. Remove contact lenses immediately if worn by the affected person. Pursue medical treatment if irritation persists.
Skin Contact	If on skin, rinse well with water. If irritation occurs or persists seek medical attention.
Inhalation	Move to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
Ingestion	Do Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Rinse mouth with water.
General Advice	If you feel unwell, seek medical advice. Do not leave victim unattended.

5. Fire-Fighting Measures

- 5.1 Flammable properties** This product is not flammable.
- 5.2 Extinguishing media**
- Suitable extinguishing media**
 Extinguish with water spray, carbon dioxide (CO₂), dry chemical or material appropriate for the surrounding fire.
- Unsuitable extinguishing media**
 No limitations are given.
- 5.3 Protection of firefighters**
- Specific hazards arising from the chemical**
 No data available
- Protective equipment and precautions for firefighters**
 Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
- Firefighting equipment/instructions**
 Use standard firefighting procedures and consider the hazards of other involved materials.
 Avoid contaminating surface water with fire extinguishing water.
- Hazardous combustion Products**
 No data available

6. Accidental Release Measures

- 6.1 Personal precautions** When working with chemical solutions protective gloves and a lab coat should be worn as a minimum.
- 6.2 Environmental precautions** Local authorities should be advised if significant spillages cannot be contained.
- 6.3 Methods for containment and cleaning up**
 A For small spills, soak up material with absorbent material. For large spills, cordon off the area to prevent the spreading of the spill. Soak up the spill with absorbent. Wash spill area with water.
- Other information** Clean up in accordance with all applicable regulations.

7. Handling and Storage

- 7.1 Safe Handling** No special handling is required for normal use.
- Hygiene Measures** Wash exposed skin thoroughly after handling
- 7.2 Storage** Store at 2-8°C. Store in a closed container away from incompatible materials. Electrical installations / working materials must comply with the technological safety standards.
- 7.3 Specific use** See section 1 – Recommended Use

8. Exposure Controls / Personnel

- 8.1 Occupational exposure limits**
 No exposure limits noted for ingredient(s).
- Exposure guidelines**
 Follow standard monitoring procedures.
- Engineering controls**
 No specific controls or precautions are required. Selection and use of containment devices and personal protective equipment should be based on a risk assessment of exposure potential

8.2 Personal protective equipment

Eye / face protection	Wear appropriate safety glasses, goggles or face shields.
Skin protection	Wear lab coat or other protective garments. Wear protective gloves.
Respiratory protection	Under normal conditions, respirator is not required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.
Other information	Do NOT eat, drink or smoke during use.
Environment Exposure	No data available

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Form	Liquid
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	3.0 + 11.0
Vapor pressure	No data available
Vapor density	No data available
Boiling point	No data available
Viscosity (mm²/s)	No data available
Melting/Freezing point	No data available
Solubility (water)	Completely miscible
Specific gravity	No data available
Flash point	Does not flash
Flammability limits in air, upper, % by volume	Does not sustain combustion
Flammability limits in air, lower, % by volume	Does not sustain combustion
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Evaporation rate	No data available
Relative Density	No data available
Partition coefficient: (n-octanol/water)	No data available
Explosive properties	No data available
Oxidizing properties	No data available

10. Stability and Reactivity

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|--------------------------------|---|
| 10.1 Reactivity | No dangerous reaction known under conditions of normal use. |
| 10.2 Chemical stability | No data available |

10.3 Possibility of hazardous Reactions

Not expected to occur. Stable under normal conditions.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous polymerization

No data available

10.7 Hazardous decomposition Products

No data available

11. Toxicological Information

11.1 Information on toxicological effects

Sensitization

Not classified

Acute effects

Non-hazardous reagent.

Local effects

No data available

Chronic effects

No data available

Target Organ Effects

No data available

Carcinogenicity

No data on product formulation. None of the components of the product present at levels greater than or equal to 0.1% are listed by NTP, IARC, ACGIH or OSHA as a carcinogen.

Epidemiology

No epidemiological data is available for this product.

Mutagenicity

Not classified

Reproductive effects

Not classified

Symptoms and target organs

No data available

Additional information

No other specific acute or chronic health impact noted.

12. Ecological Information

12.1 Toxicity

Ecotoxicity

Non-hazardous reagent.

Environmental effects

No data available

12.2 Persistence and degradability

No data is available

12.3 Bioaccumulation/Accumulation

No data available

12.4 Mobility in environmental media

No data available

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)

Not controlled

Canadian regulations

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status

Non-controlled

US State Regulations
Massachusetts Right To Know

Chloramphenicol	56-75-7	0 – 0.1 %
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Pennsylvania Right To Know

Water	7732-18-5	90 - 100 %
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New Jersey Right To Know

Water	7732-18-5	90 - 100 %
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State regulations

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

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

Mexico regulations

This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

16. Other Information

Recommended restrictions

Use in accordance with supplier's recommendations.

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 0
 Flammability: 0
 Physical hazard: 0

NFPA ratings

Health: 0
 Flammability: 0
 Instability: 0

Disclaimer

The information provided on this SDS 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 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 text.