

1. Product and Company Identification

1.1	Product name	Nitrite Calibrator
1.2	Substance/mixture	Mixture
	CAS #	Mixture
	Kit number	MD-101202.01 + MD-101202.02
1.3	Recommended product use	
	Mixture's intended use	Diagnostic reagent for IN VITRO quantitative measurement of nitrite in urine.
	Product restrictions	None known
1.4	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
	Email	support@diamonddiagnostics.com
1.5	Emergency Telephone	
	Emergency Phone #	+1 (508) 429-0450

2. Hazards Identification

GHS- Classification

Classification These products are not classified as hazardous

3. Composition/Information on ingredients

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

The principal ingredient in these products is deionized water. Other components are not hazardous and/or are present at amounts below Reportable limits.

4. First Aid Measures

4.1 Description of First Aid Measures

Eye Contact	Flush with copious amounts of water. Seek medical attention to evaluate the exposure.
Skin Contact	No specific first aid measures required. If irritation occurs or persists seek medical attention.

Inhalation	No specific first aid measures required. In case of accidental inhalation, move exposed subject to fresh air. If signs or symptoms occur seek medical attention.
Ingestion	Do not ingest.
Notes to Physician	Provide general supportive measures and treat symptomatically.
General Advice	If you feel unwell, seek medical advice.

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 (CO ₂), dry chemical or material appropriate for the surrounding fire.
Unsuitable extinguishing media	No limitations are given.

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	No special precautions required.
6.3 Methods for containment and cleaning up	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.
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.
Environment Exposure	No data available

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Physical state	Liquid
Form	Liquid
Color	Clear/colorless
Odor	Odorless
Odor threshold	No data available
pH	No data available
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)	Soluble/miscible
Specific gravity	No data available
Flash point	No data available
Flammability limits in air, upper, % by volume	No data available
Flammability limits in air, lower, % by volume	No data available
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

10.1 Reactivity	No data available
10.2 Chemical stability	Material is stable under normal conditions.
10.3 Possibility of hazardous Reactions	No data available
10.4 Conditions to avoid	Excessive heat or freezing conditions
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	No data available
Local effects	No data available
Chronic effects	No data available
Target Organ Effects	No data available
Carcinogenicity	Not classified to carcinogenicity to humans. 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	No data available
Environmental effects	No data available

12.2 Persistence and degradability

No data is available on the degradability of this product.

12.3 Bioaccumulation/Accumulation

No data available

12.4 Mobility in environmental media

No data available

13. Disposal Considerations

13.1 Disposal methods

Disposal instructions	Contaminated instruments and surfaces should be disinfected in accordance with your employer's chemical-specific and universal/standard precautions.
------------------------------	--

Waste from residues / unused products

Dispose in accordance with all applicable local and national regulations.

14. Transport Information

DOT	Not regulated as a hazardous material by DOT.
DOR	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
TDG	Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	This product is not hazardous according to OSHA 29CFR 1910.1200. This mixture is a component of an in vitro diagnostic device regulated by the U.S. Food and Drug Administration.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpart. D)	Not regulated.
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated.
CERCLA (Superfund) reportable quantity (lb.) (40 CFR 302.4)	None
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
Section 302 extremely Hazardous substance (40 CFR 355, Appendix A) Section 311/312 (40 CFR370)	No
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
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.