

1. Product and Company Identification

1.1	Product name	HS Nitrite Control High and Low
	Substance/mixture	Mixture
	CAS #	Mixture
	Kit number	MD-101302
1.2	Recommended product use	
	Mixture's intended use	Diagnostic control for IN VITRO quantitative measurement of nitrite 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., Meredith, NH 03246 United States of America
	Telephone	+1 (508) 429-0450
	Email	support@diamonddiagnostics.com
1.4	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

Components 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	In case of inhalation, move the affected person to fresh air. Call a physician if symptoms develop or persist.
Ingestion	Do not ingest. Keep respiratory tract clear. Rinse mouth with water. If symptoms persist, call a physician.

Notes to Physician

The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

General Advice

If you feel unwell, seek medical advice. Do not leave the victim unattended.

Most important symptoms and effects, both acute and delayed.

None known.

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.

6. Accidental Release Measures

6.1 Personal precautions

Refer to protective measures listed in sections 7 and 8. Personal protective equipment should be used.

6.2 Environmental precautions

Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

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.

Other information

Do NOT eat, drink or smoke during use.

Environment Exposure

Prevent further leakage or spillage if safe to do so.

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:	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 Incompatible materials	No data available
10.5 Hazardous polymerization	No data available
10.6 Conditions to avoid	Excessive heat or freezing conditions
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)
SARA 302 (Extremely Hazardous Substances):

None

SARA 313 (Toxic Chemicals Reporting):

None

Hazard categories	Immediate Hazard – No
	Delayed Hazard - No
	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard - 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.

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

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

US. Massachusetts RTK - Substance List

Chloramphenicol 56-75-7 0 - 0.1 %

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

Not regulated

US. Pennsylvania RTK - Hazardous Substances

Not regulated

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 Health ratings: 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.