

1. Product and Company Identification

1.1	Product name	Specific Gravity Reagent
	Substance/mixture	Mixture
	CAS #	Mixture
	Kit number	MD-101107
1.2	Recommended product use	
	Mixture's intended use	Diagnostic reagent for IN VITRO quantitative measurement of specific gravity 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
	Email	support@diamonddiagnostics.com
1.4	Emergency Telephone	
	Emergency Phone #	+1 (508) 429-0450

2. Hazards Identification

GHS- Classification

Classification	Not classified
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2.1	Substance or mixture classification	
	Physical state	Liquid
	Appearance	Clear, blue to blue-green
	Emergency overview	Health injuries are not known or expected under normal use.
2.2	Label Elements	
	Signal word	None
	Hazardous substances	None
	OSHA regulatory status	This product is not hazardous according to OSHA 29CFR 1910.1200.
2.3	Potential health effects	
	Routes of exposure	No data
	Eyes	No data
	Skin	No data

Inhalation	No data
Ingestion	No data
Target organs	No data
Chronic effects	No data
Signs and symptoms	No data

2.4 Potential environmental effects

The product components are not classified as environmentally hazardous. However, this does not eliminate the possibility that large or frequent spills can have a harmful or damaging impact on the environment.

3. Composition/Information on ingredients

Components:

Chemical name	CAS-No.	Classification	Concentration (% w/w)
N/A	N/A	N/A	N/A

* 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	In case of eye contact, immediately flush eyes with plenty of water. Remove contact lenses immediately if worn by the affected person. Pursue medical treatment if irritation persists.
Skin Contact	No specific first aid measures are required. Pursue medical attention if irritation develops and persists.
Inhalation	In case of inhalation, move the affected person to fresh air. Call a physician if symptoms develop or persist.
Ingestion	Do NOT induce vomiting. In case of ingestion, make the affected person either drink some water or rinse out their mouth. If any other symptoms persist, contact a medical professional or a poison control center.
Notes to Physician	Provide general supportive measures and treat symptomatically.
General Advice	If you feel unwell, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Eye Contact	No data
Skin Contact	No data
Inhalation	No data
Ingestion	No data

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

Protective equipment and precautions for firefighters

No data

Firefighting equipment/instructions

No data

Hazardous combustion Products

No data

6. Accidental Release Measures

6.1 Personal precautions

When working with chemical solutions, protective gloves and a lab coat should be worn as at minimum.

6.2 Environmental precautions

No 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.

6.4 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

Follow the instruction on the label for proper storage.

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 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

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Physical state	Liquid
Form	Liquid
Color	Clear, blue to blue-green
Odor	No data available
Odor threshold	No data available
pH	No data available
Vapor pressure	No data available
Vapor density	No data available
Boiling point	100°C
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	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 dangerous reaction known under stable conditions of normal use.
10.2 Chemical stability	Material is stable under normal conditions.
10.3 Possibility of hazardous Reactions	No hazard to be specifically mentioned.
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	No data available
10.6 Hazardous polymerization	No data available

10.7 Conditions to avoid No data available

10.8 Hazardous decomposition Products

In the event of fire, refer to Section 5.3

11. Toxicological Information

11.1 Information on toxicological effects

Sensitization	Not classified
Acute effects	Not classified
Local effects	Not classified
Chronic effects	No data available
Target Organ Effects	No data available
Carcinogenicity	Not classified to carcinogenicity to humans.
Epidemiology	No epidemiological data is available for this product.
Mutagenicity	Not classified
Reproductive effects	Not classified
Symptoms and target organs	Not classified
Additional information	No other specific acute or chronic health impact noted.

12. Ecological Information

12.1 Toxicity

Ecotoxicity	The product is not classified as environmentally hazardous.
Environmental effects	Non-hazardous reagents

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

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	Can be disposed as waste water, when in compliance with local regulations
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

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

EPCRA - Emergency Planning and Community Right-to-Know CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	No SARA Hazards
SARA 302	:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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.
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Clean Air Act	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
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This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know	Not listed
Pennsylvania Right To Know	Not listed
New Jersey Right To Know	Not listed
California Prop. 65	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

GHS Label element	Not a hazardous substance or mixture.
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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.