

## 1. Product and Company Identification

|     |                                                         |                                                                          |
|-----|---------------------------------------------------------|--------------------------------------------------------------------------|
| 1.1 | <b>Product name</b>                                     | <b>pH Reagent</b>                                                        |
|     | <b>Substance/mixture</b>                                | Mixture                                                                  |
|     | <b>CAS #</b>                                            | Mixture                                                                  |
|     | <b>Kit number</b>                                       | MD-101105                                                                |
| 1.2 | <b>Recommended product use</b>                          |                                                                          |
|     | <b>Mixture's intended use</b>                           | Diagnostic reagent for IN VITRO quantitative measurement of pH in urine. |
|     | <b>Product restrictions</b>                             | None known                                                               |
| 1.3 | <b>Details of the supplier of the safety data sheet</b> |                                                                          |
|     | <b>Manufacturer information</b>                         |                                                                          |
|     | <b>Corporate Headquarters</b>                           | Diamond Diagnostics Inc.                                                 |
|     |                                                         | 333 Fiske St., Holliston, MA 01746 United States of America              |
|     |                                                         | www.diamonddiagnostics.com                                               |
|     | <b>Telephone</b>                                        | +1 (508) 429-0450                                                        |
|     | <b>Email</b>                                            | support@diamonddiagnostics.com                                           |
|     | <b>Distributor information</b>                          |                                                                          |
|     | <b>Distributor Headquarters</b>                         | Mission Diagnostics LLC                                                  |
|     |                                                         | 1 Burton Dr., Meridith, NH 03246                                         |
|     |                                                         | United States of America                                                 |
|     | <b>Telephone</b>                                        | +1 (508) 429-0450                                                        |
| 1.4 | <b>Emergency Telephone</b>                              |                                                                          |
|     | <b>Emergency Phone #</b>                                | +1 (508) 429-0450                                                        |

## 2. Hazards Identification

### GHS- Classification

|                       |                                               |
|-----------------------|-----------------------------------------------|
| <b>Classification</b> | Not classified based on available information |
|-----------------------|-----------------------------------------------|

### 2.1 Substance or mixture classification

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| <b>Physical state</b>     | Liquid                                                      |
| <b>Appearance</b>         | No data available                                           |
| <b>Emergency overview</b> | Health injuries are not known or expected under normal use. |

### 2.2 Label Elements

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| <b>Signal word</b>            | None                                                             |
| <b>Hazardous substances</b>   | No data available                                                |
| <b>OSHA regulatory status</b> | This product is not hazardous according to OSHA 29CFR 1910.1200. |

### 2.3 Potential health effects

|                           |                                               |
|---------------------------|-----------------------------------------------|
| <b>Routes of exposure</b> | Not classified based on available information |
| <b>Eyes</b>               | Not classified based on available information |
| <b>Skin</b>               | Not classified based on available information |
| <b>Inhalation</b>         | Not classified based on available information |
| <b>Ingestion</b>          | Not classified based on available information |

**Target organs** Not classified based on available information

**Chronic effects** Not classified based on available information

**Signs and symptoms** Not classified based on available information

## 2.4 Potential environmental effects

Not classified based on available information

## 3. Composition/Information on ingredients

### Components:

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

## 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** In case of skin contact, remove any or all of contaminated clothing, while rinsing the affected skin with large amounts of water. Pursue medical attention if irritation develops and persists.

**Inhalation** In case of inhalation, move the affected person to fresh air. If unconscious, place in recovery position and seek medical advice. Call a physician if symptoms develop or persist.

**Ingestion** Do NOT induce vomiting. Keep respiratory tract clear. Do not give milk or alcoholic beverages. 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. Do not leave victim unattended.

### 4.2 Most important symptoms and effects, both acute and delayed

**Eye Contact** Not classified based on available information

**Skin Contact** Not classified based on available information

**Inhalation** Not classified based on available information

**Ingestion** Not classified based on available information

## 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<sub>2</sub>), 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

Not classified based on available information

**Protective equipment and precautions for firefighters**

Self-contained breathing apparatus and full protective clothing if necessary.

**Firefighting equipment/instructions**

Use standard firefighting procedures and consider the hazards of other involved materials.

**Hazardous combustion Products**

Not classified based on available information

## 6. Accidental Release Measures

- |                                                    |                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>6.1 Personal precautions</b>                    | Refer to protective measures listed in sections 7 and 8.                                                |
| <b>6.2 Environmental precautions</b>               | Not classified based on available information                                                           |
| <b>6.3 Methods for containment and cleaning up</b> | Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. |
| <b>6.4 Other information</b>                       | Clean up in accordance with all applicable regulations.                                                 |

## 7. Handling and Storage

- |                          |                                                                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>7.1 Safe Handling</b> | For personal protection, see section 8. Smoking, eating, and drinking should be prohibited in the application area.                                                         |
| <b>Hygiene Measures</b>  | Wash exposed skin thoroughly after handling                                                                                                                                 |
| <b>7.2 Storage</b>       | Store at 2-8°C. Store in a closed container away from incompatible materials. Electrical installations / working materials must comply with technological safety standards. |
| <b>7.3 Specific use</b>  | See section 1 – Recommended Use                                                                                                                                             |

## 8. Exposure Controls / Personnel

- |                                          |                                                                                                                |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>8.1 Occupational exposure limits</b>  | No exposure limits noted for ingredient(s).                                                                    |
| <b>Exposure guidelines</b>               | Follow standard monitoring procedures.                                                                         |
| <b>Engineering controls</b>              | No data available                                                                                              |
| <b>8.2 Personal protective equipment</b> |                                                                                                                |
| <b>Eye / face protection</b>             | Wear appropriate safety glasses, goggles or face shields.                                                      |
| <b>Skin protection</b>                   | Wear lab coat or other protective garments. Wear protective gloves. Remove any contaminated clothing promptly. |
| <b>Respiratory protection</b>            | Under normal conditions, respirator is not required.                                                           |
| <b>General hygiene considerations</b>    | Handle in accordance with good industrial hygiene and safety practice.                                         |
| <b>Other information</b>                 | Do NOT eat, drink or smoke during use.                                                                         |
| <b>Environment Exposure</b>              | No data available                                                                                              |

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                                                       |                     |
|-------------------------------------------------------|---------------------|
| <b>Appearance</b>                                     | Liquid              |
| <b>Physical state</b>                                 | Liquid              |
| <b>Form</b>                                           | Liquid              |
| <b>Color</b>                                          | No data available   |
| <b>Odor</b>                                           | No data available   |
| <b>Odor threshold</b>                                 | No data available   |
| <b>pH</b>                                             | No data available   |
| <b>Vapor pressure</b>                                 | No data available   |
| <b>Vapor density</b>                                  | No data available   |
| <b>Boiling point</b>                                  | 100 °C              |
| <b>Viscosity (mm<sup>2</sup>/s)</b>                   | No data available   |
| <b>Melting/Freezing point</b>                         | No data available   |
| <b>Solubility (water)</b>                             | Completely miscible |
| <b>Specific gravity</b>                               | No data available   |
| <b>Flash point</b>                                    | Does not flash      |
| <b>Flammability limits in air, upper, % by volume</b> | No data available   |
| <b>Flammability limits in air, lower, % by volume</b> | No data available   |
| <b>Decomposition temperature</b>                      | No data available   |
| <b>Auto-ignition temperature</b>                      | No data available   |
| <b>Evaporation rate</b>                               | No data available   |
| <b>Relative Density</b>                               | No data available   |
| <b>Partition coefficient:</b>                         | No data available   |
| <b>Explosive properties</b>                           | No data available   |
| <b>Oxidizing properties</b>                           | No data available   |

## 10. Stability and Reactivity

|                                                |                                                             |
|------------------------------------------------|-------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | No dangerous reaction known under conditions of normal use. |
| <b>10.2 Chemical stability</b>                 | Material is stable under normal conditions.                 |
| <b>10.3 Possibility of hazardous Reactions</b> | No hazards to be specifically mentioned                     |
| <b>10.4 Incompatible materials</b>             | No data available                                           |
| <b>10.5 Hazardous polymerization</b>           | No data available                                           |
| <b>10.6 Conditions to avoid</b>                | No data available                                           |
| <b>10.7 Hazardous decomposition Products</b>   | No data available                                           |

## 11. Toxicological Information

### 11.1 Information on toxicological effects

|                                   |                                                         |
|-----------------------------------|---------------------------------------------------------|
| <b>Sensitization</b>              | Not classified                                          |
| <b>Acute effects</b>              | Not classified                                          |
| <b>Local effects</b>              | Not classified                                          |
| <b>Chronic effects</b>            | No data available                                       |
| <b>Target Organ Effects</b>       | No data available                                       |
| <b>Carcinogenicity</b>            | Not classified                                          |
| <b>Epidemiology</b>               | No data available                                       |
| <b>Mutagenicity</b>               | Not classified                                          |
| <b>Reproductive effects</b>       | Not classified                                          |
| <b>Symptoms and target organs</b> | Not classified                                          |
| <b>Additional information</b>     | No other specific acute or chronic health impact noted. |

## 12. Ecological Information

### 12.1 Toxicity

|                              |                   |
|------------------------------|-------------------|
| <b>Ecotoxicity</b>           | No data available |
| <b>Environmental effects</b> | 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

## 13. Disposal Considerations

### 13.1 Disposal methods

|                                              |                                                                                                                                                      |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Contaminated instruments and surfaces should be disinfected in accordance with your employer's chemical-specific and universal/standard precautions. |
| <b>Waste from residues / unused products</b> | Can be disposed as waste water, when in compliance with local regulations.                                                                           |
| <b>Contaminated packaging</b>                | Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.                       |

## 14. Transport Information

|             |                                               |
|-------------|-----------------------------------------------|
| <b>DOT</b>  | Not regulated as a hazardous material by DOT. |
| <b>DOR</b>  | Not regulated as dangerous goods.             |
| <b>IATA</b> | Not regulated as dangerous goods.             |
| <b>IMDG</b> | Not regulated as dangerous goods.             |
| <b>TDG</b>  | 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.

### 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).

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

|                 |         |           |
|-----------------|---------|-----------|
| Chloramphenicol | 56-75-7 | 0 - 0.1 % |
|-----------------|---------|-----------|

#### Pennsylvania Right To Know

|       |           |            |
|-------|-----------|------------|
| Water | 7732-18-5 | 90 - 100 % |
|-------|-----------|------------|

## New Jersey Right To Know

Water

7732-18-5

90 - 100 %

## California Prop. 65

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

## The ingredients of this product are reported in the following inventories:

**CH INV** : Not in compliance with the inventory

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

**TSCA** : Not On TSCA Inventory

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

**DSL** : This product contains the following components that are not on the Canadian DSL nor NDSL.

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

**AICS** : Not in compliance with the inventory

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

**NZIoC** : On the inventory, or in compliance with the inventory

**ENCS** : Not in compliance with the inventory

Water

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

Chloramphenicol

**ISHL** : Not in compliance with the inventory 5-DMT-N4-Ac-

N4-+-Bu-Bn-dC

Chloramphenicol

**KECI** : Not in compliance with the inventory

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

**PICCS** : Not in compliance with the inventory

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

**IECSC** : Not in compliance with the inventory

5-DMT-N4-Ac-N4-+-Bu-Bn-dC

## TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

## GHS Label element

Not a hazardous substance or mixture.

## 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.