



Safety Data Sheet URiSCAN Strip

Version 03
July 25, 2016

1. Identification of the Product and of the Supplier

• **Product Identifier:** URiSCAN Urine Test Strip

• **Manufactured By:** YD Diagnostics Corp.

Address: (76, seori-ro, Idong-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do 449-834 REPUBLIC OF KOREA)

Emergency Phone Number: Tel : (82) 31-329-2000 Fax : (82) 31-329-2007

***Distributed By:** BioSys Laboratories, Inc.

Address: 526 Mission Street, South Pasadena, CA 91030

Emergency Phone Number: (626) 403-6565

***Recommended Use:** In-vitro diagnostic testing of urine

2. Hazard(s) Identification

- **Physical State:** Solid
- **Appearance:** White strip with colored reagent pads
- **Emergency Overview:** Caution – may cause skin and eye irritation
- **OSHA Regulatory Status:** Not classified

3. Composition/Information on Ingredients

***Leucocytes:**

Naphtol AS-D chloroacetate	7.5 mg
2-Chloro-4-benzamide-5-methylbenzenediazonium chloride	1.5 mg

***Nitrites:**

p-Arsanilic acid	3.5 mg
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***Urobilinogen:**

p-Dimethylaminobenzaldehyde	15.0 mg
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***Protein:**

Tetrabromophenol blue	1.0 mg
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***pH:**

Methyl red	0.5 mg
Bromothymol blue	0.7 mg



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***Blood:**

3,3', 5,5' Tetramethylbenzidine	2.8 mg
Cumene hydroperoxide	23.6 mg

***Specific Gravity:**

Bromothymol blue	10.5 mg
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***Ketones:**

Sodium nitroprusside	30.0 mg
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***Bilirubin:**

2,4 – Dichloroanilinediazonium	2.0 mg
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***Glucose:**

Glucose oxidase	460 units
Peroxidase	2100 units
Potassium iodide	15.0 mg

***Albumin:**

Sulphonphthalein	0.3 mg
Citric Acid	18.76 mg
Sodium Citrate	1.72 mg

***Creatinine**

3,3', 5,5' – Tetramethyl benzidine	0.76 mg
Cumene hydroperoxide	3.06 mg
Glycerophosphate sodium phosphate	19.5 mg

4. First Aid Measures

• **Inhalation:**

- If exposed or concerned: Get medical advice/attention.
- Remove victim to fresh air.

• **Eye contact:**

- If in eye: Rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

• **Skin contact:**

- If on skin: Rinse thoroughly with water for several minutes

• **Ingestion:**

- Do not give milk or alcoholic beverages.
- Do not give anything by mouth to an unconscious person.
- If symptoms persist, call a physician.
- Rinse mouth with water.



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- **General advice:**

- Consult with a physician when making any emergency treatment procedure.
- Submit SDS to medical staff to take protective action.

5. Fire-fighting Measures

- **Suitable (unsuitable) extinguishing media**

- When extinguishing by smothering, use dry sand or soil.

- **Hazardous combustion products:**

- While burning, a very stimulating and poisonous gas can be produced by thermal decomposition or combustion.

- **Special protective equipment and precautions for fire-fighters:**

- May get severe burns on skin and eyes upon contact with melting substances.
- Extinguish fire by keeping a safe distance away.
- Wear full protective clothing including self-contained breathing apparatus.

6. Accidental Release Measures

- **Personal precautions**

- Do not touch damaged containers or spilled material without suitable protective clothing.

- **Environmental precautions**

- Prevent entry into sewers, basements, channels or confined spaces.

- **Methods for Cleaning Up**

- Store reagent strips in a closed container

7. Handling and Storage

- **Precautions for safe handling**

- Wash hands thoroughly after handling. Observe good industrial hygiene practices.

- **Conditions for safe storage**



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- Do not store in the refrigerator or freezer. Store at temperatures between 59F to 86F.

8. Exposure Controls and Personal Protection

- **Occupational exposure limits:** No exposure limits noted for ingredients
- **Engineering controls:** N/A
- * **Hand protection**
 - Gloves should be worn to avoid hand contact.
- **Eye protection**
 - Safety goggles should be worn to avoid contact on eyes.
- **Skin and body protection**
 - Wear protective clothing and equipment in order to avoid repeated contact on skin.
- **Hygiene measures**
 - Wash after handling and launder contaminated clothes before reuse.

9. Physical and Chemical Properties

- * **Appearance:** Solid (film)
- * **Upper/lower flammability or explosive limits:** Not available
- * **Odor:** Odorless
- * **Odor Threshold:** Not applicable
- * **Vapor Pressure:** Not available
- * **Vapor Density:** Not available
- * **pH:** Not available
- * **Relative density:** Not available
- * **Melting point/freezing point:** Not available



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- * **Solubility:** Not available
- * **Initial boiling point and range:** Not available
- * **Flash point:** Not available
- * **Evaporation rate:** Not available
- * **Flammability, upper/lower flammability or explosive limits:** Not available
- * **Partition coefficient (n-octanol/water):** Not available
- * **Auto-ignition temperature:** Not available
- * **Decomposition temperature:** Not available
- * **Viscosity:** Not applicable

10. Stability and Reactivity

- **Chemical stability:**
 - Stable at normal temperature and pressure conditions.
 - Does not ignite readily.
 - Harmful if inhaled
- **Other:** Avoid contact with combustible materials. Hazardous polymerization does not occur.

11. Toxicological Information

- **Information on the likely routes of exposure:** Inhalation, skin/eye contact
- **Health Hazard Information**
 - **Acute toxicity:** No data available
- **Delayed and immediate effects and also chronic effects from short and long term exposure:**
 - Skin corrosive or irritant: No data available
 - Serious eye damage or irritant: No data available
 - Respiratory sensitization: No data available
 - Carcinogenicity: No data available
 - Germ cell mutagenicity: Not applicable
 - Reproduction-toxicity: Not applicable
 - Specific target organ toxicity - single exposure: No data available
 - Specific target organ toxicity - repeated exposure: No data available
 - Aspiration hazard: No data available



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- Ministry of Labor examination: No data available
- IARC : No data available
- OSHA: No data available
- ACGIH: No data available

12. Ecological Information

- **Ecotoxicity**
 - No data available
- **Degradability:**
 - No data available .
- **Persistence:**
 - No data available .
- **Bioaccumulation:**
 - No data available .
- **Mobility:**
 - No data available .

13. Disposal Considerations

- **Waste disposal**
 - Disposal should be in accordance with applicable regional, national and local laws and regulations
- **Disposal considerations**
 - Dispose of the contents of the container (in accordance with the laws and regulations set forth above).

14. Transport Information

- **This product is not classified as dangerous goods under UN Model Regulations.**
 - International Maritime Organization (IMDG)
 - International Air Transport Association (IATA)



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UN number	– UN transportation hazard classification no information
UN Proper shipping name	– Not applicable
Transport hazard class(es)	– Not applicable
Packing group	– Not applicable
Marine pollutant	– Not applicable
Label Required	– Not applicable
Mark Required	– Not applicable

15. Regulatory Information

- **National and/or international regulatory information**

- < **Regulation by the Occupational Safety and Health Act** >

- Not applicable

- < **Regulation by the Toxic Chemicals Control Act** >

- Not applicable

- < **Regulation by Dangerous Goods Safety Management Act** >

- Not applicable

- < **Regulation by Waste Management** >

- Not applicable

- **U.S. Federal regulations (US Federal):**

- Not applicable.

- **U.S. Federal regulations (CERCLA Hazardous Substances and Corresponding RQs):**

- Not applicable.

- **U.S. Federal regulations (SARA Section 302 Extremely Hazardous Substances):**

- Not applicable.

- **U.S. Federal regulations (SARA 311/312 Hazards):**

- Not applicable.

- **U.S. Federal regulations (OSHA):**

- Not applicable.

- **U.S. Federal regulations (European/International Regulations):**



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– Not applicable.

16. Other Information

- *Date of first Preparation:* 2014.05.23
- *Version Number:* 02
- *Date of last Revision:* 2016.07.25

- ***Other information***

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