

# **ADDENDUM TO SAFETY DATA SHEET**

**This addendum is part of the Safety Data Sheet referred to below.**

**This addendum should be stored with and read in conjunction with the Safety Data Sheet.**

## **Product Description**

**Product Name:** URiSCAN 1 G Strip, URiSCAN 2 GP Strip, URiSCAN 7 Strip

**Product Code:** G10.46, G10.44, G10.45

**Recommended Use:** For use in laboratory testing. In particular urine analysis.

**Manufacturer:** YD Diagnostics  
76, seori-ro, Idong-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do  
449-834 Republic of Korea  
Phone (82) 31-329-2000 Fax (82) 31-329-2007

**Australian Supplier:** Southern Biological  
1/44 Rushdale Street, Knoxfield, Victoria, 3180  
[www.southernbiological.com](http://www.southernbiological.com)  
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# Material Safety Data Sheet

## URiSCAN Strip

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### 1. Identification of the Product and of the Supplier

- **Product Identifier:** URiSCAN Strip
- **Substance or Mixture:** Reagent in vitro diagnosis
- **Supplier's details:** YD Diagnostic 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

### 2. Hazards Identification

• **GHS Classification**

- As this product is not classified according to the classification criteria of Occupational Safety and Health Act, it is not part of the target chemicals in accordance with paragraph 1 of Article 41 of the law and is not subject of creation of Material Safety Data Sheet and labeling warning sign.

• **Label elements:**

- As this product is not classified according to the classification criteria of Occupational Safety and Health Act, it is not part of the target chemicals in accordance with paragraph 1 of Article 41 of the law and is not subject of creation of Material Safety Data Sheet and labeling warning sign.

• **NFPA Ratings (Scale 0-4)**

- No data available.

### 3. Composition/Information on Ingredients

Based on dry weight at time of impregnation of 100 reagent strips.

URiSCAN strip is composed of the following ingredients.

1) Blood

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



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### 2) Bilirubin

2,4-Dichloroanilinediazonium----- 2.0 mg

### 3) Urobilinogen

*p*-Dimethylaminobenzaldehyde----- 15.0 mg

### 4) Ketones

Sodium nitroprusside ----- 30.0 mg

### 5) Protein

Tetrabromphenol blue----- 1.0 mg

### 6) Nitrite

*p*-Arsanilic acid ----- 3.5 mg

### 7) Glucose

Glucose oxidase ----- 460 unit

Peroxidase----- 2100 unit

Potassium iodide ----- 15.0 mg

### 8) pH

Methyl red----- 0.5 mg

Bromthymol blue----- 0.7 mg

### 9) SG

Bromthymol blue-----10.5 mg

### 10) Leucocytes

Naphtol AS-D chloroacetate-----7.5 mg

2-Chloro-4-benzamide-5-methyl benzene diazonium chloride-----1.5 mg

### 11) Ascorbic acid

2,6-Dichlorophenolindophenol-----1.5 mg

Methyl red----- 1.5 mg

• **Single material/ Mixture:** mixtures

• **Riskiness:** no

## 4. First Aid Measures

#### • **Inhalation:**

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

#### • **Eye contact:**

- If in eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and



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easy to do. Continue rinsing.

- If eye irritation persists: Get medical advice/attention.

• **Skin contact:**

- If on skin: Rinse cautiously 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 attention.
- Rinse mouth with water.

• **General advice:**

- Consult with an attending physician when making emergency treatment procedure.
- Submit MSDS to medical staff to take protective action.

## 5. Fire-fighting Measures

• **Suitable(unsuitable)extinguishing media**

- When extinguishment 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 when contacting with melting substances.
- Extinguish fire by keeping a safe distance away.
- The Rescuers: Wear proper protective equipment.

## 6. Accidental Release Measures

• **Personal precautions**

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

• **Environmental precautions**

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

• **Methods for Cleaning Up**

- Store in a closed container



## 7. Handling and Storage

- **Precautions for safe handling**
  - Wash ... thoroughly after handling..
- **Conditions for safe storage**
  - Not applicable

## 8. Exposure Controls and Personal Protection

- **Leakage threshold of chemicals, biological leakage threshold and so on**
  - Not applicable
- **Respiratory protection**
  - Wear a respirator notifying the authenticity of the Korea Occupational Safety and Health Agency to meet the physical and chemical properties of the exposed materials
- **Hand protection**
  - Workers in order to avoid contact with this material suitable glove should be worn.
- **Eye protection**
  - Workers, in order to avoid contact on eyes, should wear safety goggles.
- **Skin and body protection**
  - Workers, in order to avoid repeated contact on skin, should wear protective clothing and equipment.
- **Hygiene measures**
  - Wash after handling and launder contaminated clothes before reuse.

## 9. Physical and Chemical Properties

- |                     |             |
|---------------------|-------------|
| • <b>Appearance</b> | Solid(film) |
| • <b>Color</b>      | White       |
| • <b>Odor</b>       | oderless    |



## 10. Stability and Reactivity

• **Chemical stability:**

- Stable at normal temperature and pressure conditions.
- Some to ride, but does not ignite readily.
- Harmful if inhaled

• **Materials to avoid:** combustible

## 11. Toxicological Information

• **Information on the likely routes of exposure:**

• **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
- 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 .



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- **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).

### 14. Transport Information

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

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



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< **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):**

- Not applicable.

## 16. Other Information

- **Date of first Preparation:** 2014.05.23
- **Number of Revision:** 0<sup>nd</sup>
- **Date of last Revision:** Not applicable

• **Other information**

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