

# **Safety Data Sheet**

## **According to Regulation (EC) No 1907/2006**

Urine Sediment Analyzer Reagent Diluent

Version 1.0

Issue date: 27/08/2015

Revision date: 27/08/2015

SDS Record Number: C555-TCO-010-117993

### **Section 1 Identification of the substance/mixture and of the company/undertaking**

#### **1.1 Product identifier:**

Identification on the label/Trade name: Urine Sediment Analyzer Reagent Diluent

Additional identification: Not available

Identification of the product: See section 3

Index Number: Not available

REACH registration No.: Not available

#### **1.2 Relevant identified uses of the substance and uses advised against:**

##### **1.2.1 Identified uses:**

Dilute samples.

##### **1.2.2 Uses advised against:**

Not available.

#### **1.3 Details of the supplier of the safety data sheet:**

Supplier(Only representative): -

Supplier(Manufacturer): DIRUI Industrial Co., Ltd

Address: 3333 Yiju Street, New&High Tech. Development Zone, Changchun, Jilin 130103,  
P.R. China

Contact person(E-mail): shiyanping@dirui.com.cn

Telephone: +86-431-85835743

Fax: +86-431-85835742

#### **1.4 Emergency telephone Number:**

+86-431-85835743

Available outside office hours? YES  NO

### **Section 2 Hazards Identification**

#### **2.1 Classification of the substance/mixture:**

##### **2.1.1 Classification:**

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

<b>REGULATION (EC) No 1272/2008</b>	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

*For full text of H- phrases: see section 2.2.*

#### **2.2 label elements:**

**Hazard Pictograms:** No hazard pictogram is used.

**Signal Word(S):** No signal word is used.

**Hazard Statement:** Not applicable.

**Precautionary statement:** Not applicable.

Product name: Urine Sediment Analyzer Reagent Diluent

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SDS EU

1 / 6

## 2.3 Other hazards:

Not available.

## Section 3 Composition/information on ingredients

**Substance/Mixture:** Mixture

**Ingredient(s):**

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
Water	-	7732-18-5	231-791-2	99.00%	Not Classified
Disodium hydrogen phosphate	-	7558-79-4	231-448-7	0.83%	Not Classified
Potassium dihydrogen phosphate	-	7778-77-0	231-913-4	0.10%	Not Classified
Sodium chloride	-	7647-14-5	231-598-3	0.07%	Not Classified

## Section 4 First aid measures

### 4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

#### 4.1.1 In case of inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

#### 4.1.2 In case of skin contact:

Wash off with soap and plenty of water.

#### 4.1.3 In case of eyes contact:

Immediately flush eyes with plenty of water, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

#### 4.1.4 In case of ingestion:

If large amounts were swallowed, give water to drink and get medical advice.

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

The product is not classified as harmful to human health effect.

### 4.3 Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

## Section 5 Fire-Fighting measures

### 5.1 Extinguishing media:

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Not available.

### 5.2 Special hazards arising from the substance or mixture

No specific fire or explosion hazard.

### 5.3 Special fire fighting methods and special protective actions for fire-fighters:

Wear self contained breathing apparatus for fire-fighting if necessary.

## Section 6 Accidental release measures

## 6.1 Personal precautions, protective equipment and emergency procedures:

**6.1.1 For non-emergency personnel:** Provide adequate ventilation. Avoid inhalation of vapor. Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details.

**6.1.2 For emergency responders:** Wear an appropriate NIOSH/MSHA approved respirator if vapor is generated.

**6.2 Environmental Precautions:** Do not let product enter drains.

**6.3 Methods for Containment and Cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

**6.4 Reference to other sections:** See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

**6.5 Additional information:** Not applicable.

## Section 7 Handling and storage

### 7.1 Precautions for safe handling:

**7.1.1 Protective measures:** Ensure good ventilation/exhaustion at the workplace. Avoid contact with eyes. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

**7.1.2 Advice on general occupational hygiene:** Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

**7.2 Conditions for safe storage, including any incompatibilities:** Store in a cool location. Keep away from ignition sources. Store away from foodstuffs. Keep container tightly closed in a dry and well-ventilated place.

**7.3 Specific end use(s):** Not applicable.

## Section 8 Exposure Controls/Personal Protection

### 8.1 Control parameters:

**8.1.1 Occupational exposure limits:** Sodium chloride (CAS# 7647-14-5): Long-term exposure limit (TWA): 5 mg/m<sup>3</sup> (Lithuania)

**8.1.2 Additional exposure limits under the conditions of use:** Not available.

**8.1.3 DNEL/DMEL and PNEC-Values:** Not available.

### 8.2 Exposure controls:

**8.2.1 Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### 8.2.2 Individual protection measures, such as personal protective equipment:

**Eye/face protection:** No special protective equipment required. If necessary, wear protective glasses.

**Hand protection:** No special protective equipment required. If necessary, wear protective gloves.

**Body protection:** No special protective equipment required. If necessary, wear protective clothing.

**Respiratory protection:** No special protective equipment required. If necessary, wear protective respiratory.

**Thermal hazards:** Wear suitable protective clothing to prevent heat.

**8.2.3 Environmental exposure controls:** Avoid discharge into the environment.  
According to local regulations, Federal and official regulations.

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

**Appearance:** Liquid

**Colour:** Not available

<b>Odour:</b>	Not available
<b>Odour threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting point/range (°C):</b>	> 723 K(CAS#7558-79-4)
<b>Boiling point/range (°C):</b>	Not available
<b>Flash point (°C):</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability limit - lower (%):</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Ignition temperature (°C):</b>	Not available
<b>Upper/lower flammability/explosive limits:</b>	Not available
<b>Vapour pressure (20°C):</b>	Not available
<b>Vapour density:</b>	Not available
<b>Relative Density:</b>	Not available
<b>Bulk density (kg/m<sup>3</sup>):</b>	Not available
<b>Water solubility (g/l):</b>	Not available
<b>n-Octanol/Water (log Po/w):</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity, dynamic (mPa.s):</b>	Not available
<b>Explosive properties:</b>	Not available
<b>Oxidising properties:</b>	Not available
<b>Molecular Formula:</b>	Not available
<b>Molecular Weight:</b>	Not available
<b>9.2. Other information:</b>	
<b>Fat solubility(solvent– oil to be specified)</b>	Not available
<b>etc:</b>	
<b>Surface tension:</b>	Not available
<b>Dissociation constant in water( pKa):</b>	2.16(25 °C )(CAS#7558-79-4)
<b>Oxidation-reduction Potential:</b>	Not available
<b>Specific gravity:</b>	Not available

## Section 10 Stability and reactivity

<b>10.1 Reactivity:</b>	The substance is stable under normal storage and handling conditions.
<b>10.2 Chemical stability:</b>	Stable at room temperature in closed containers under normal storage and handling conditions.
<b>10.3 Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>10.4 Conditions to avoid:</b>	Incompatible materials.
<b>10.5 Incompatible materials:</b>	Strong oxidizing agents.
<b>10.6 Hazardous decomposition products:</b>	No hazardous decomposition products.

## Section 11 Toxicological information

### 11.1 Toxicokinetics, metabolism and distribution:

**Non-human toxicological data:** Not available

## 11.2 Information on toxicological effects:

### Acute toxicity:

Disodium hydrogen phosphate(CAS#7558-79-4)

**LD50(Oral, Rat):** > 2000 mg/kg bw

**LD50(Dermal, Rat):** > 2000 mg/kg bw

**LC50(Inhalation, Rat):** > 0.83 mg/L air 4h

**Skin corrosion/Irritation:** Not classified

**Serious eye damage/irritation:** Not classified

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**STOT- single exposure:** Not classified

**STOT-repeated exposure:** Not classified

## Section 12 Ecological information

### Toxicity:

Disodium hydrogen phosphate(CAS#7558-79-4)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	> 100 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	> 100 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	> 100 mg/L	72h	Algae	OECD 201	N/A	N/A

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

**Results of PBT&vPvB assessment:** Not available.

**Other adverse effects:** Not available.

## Section 13 Disposal considerations

**13.1 Waste treatment methods:** The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

**13.2 Product / Packaging disposal:** If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

## Section 14 Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
<b>UN-Number</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper shipping name</b>	Not regulated	Not regulated	Not regulated
<b>Transport hazard Class</b>	Not regulated	Not regulated	Not regulated

<b>Packaging group</b>	Not regulated	Not regulated	Not regulated
<b>Environmental hazards</b>	No	No	No
<b>Special precautions for user</b>	See section 2.2	See section 2.2	See section 2.2
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not regulated	Not regulated	Not regulated

## Section 15 Regulation information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

**Relevant information regarding authorization:** Not applicable.

**Relevant information regarding restriction:** Not applicable.

**Other EU regulations:** Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

**Other National regulations:** Not applicable

**Chemical Safety Assessment has been carried out?** YES  NO

## Section 16 Other information

### 16.1 Indication of changes:

Version 1.0 Amended by EU No 453/2010

### 16.2 Training instructions:

Not applicable.

### 16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

### 16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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