

# URIC ACID REAGENT MSDS



**CAS No: MSDS**

## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
:  
Product code : B-02814

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Laboratory chemicals, Manufacture of substances

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Bio-Chem Chemicals  
5455, Nicholson Road Science Market,  
Ambala Cantt. 133001 Haryana (India)  
+91-82952 41953  
[info@biofinechemical.com](mailto:info@biofinechemical.com) - [www.biofinechemical.com](http://www.biofinechemical.com)

#### 1.4. Emergency telephone number

Emergency number : +91 99921 51495 (10.00am - 06.30pm) (Office Hours)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Xi; R36/37/38

Full text of R-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Labelling according to Directive 67/548/EEC or 1999/45/EC

R-phrases : R36/37/38 - Irritating to eyes, respiratory system and skin

S-phrases : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S36 - Wear suitable protective clothing

# URIC ACID REAGENT

## Safety Data Sheet

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### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                         | Product identifier  | %       | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------|---|---------|--|---|
| Water                        | (CAS No) 7732-18-5<br>(EC no) 231-791-2                               | 75 - 99 | Not classified                                   | Not classified  |
| SODIUM TUNGSTATE (DIHYDRATE) | (CAS No) 10213-10-2   | 10 - 15 | Xn; R22  | Acute Tox. 4 (Oral), H302                                       |
| Phosphoric acid              | (CAS No) 7664-38-2<br>(EC no) 231-633-2<br>(EC index no) 015-011-00-6 | 5 - 10  | C; R34   | Skin Corr. 1B, H314<br>Eye Dam. 1, H318                         |

Full text of R- and H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries : Causes severe skin burns and eye damage.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

# URIC ACID REAGENT

## Safety Data Sheet

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Unsuitable extinguishing media : Do not use a heavy water stream.

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

No additional information available

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Stop release.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not breathe dust/fume/gas/mist/vapours/spray.

Hygiene measures : Wash ... thoroughly after handling. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Store in original container. Keep container tightly closed. Store in a well-ventilated place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

# URIC ACID REAGENT

## Safety Data Sheet

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### 8.2. Exposure controls

|                          |                                     |
|--------------------------|-------------------------------------|
| Hand protection          | : protective gloves                 |
| Eye protection           | : Chemical goggles or face shield   |
| Skin and body protection | : Wear suitable protective clothing |
| Respiratory protection   | : Wear respiratory protection       |

## SECTION 9: Physical and chemical properties

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

|  |                                    |
|--|------------------------------------|
| Physical state                             | : Liquid                           |
| Colour                                     | : light yellow.                    |
| Odour                                      | : No data available                |
| Odour threshold                            | : No data available                |
| pH   | : 8                                |
| Relative evaporation rate (butylacetate=1) | : No data available                |
| Melting point                              | : No data available                |
| Freezing point                             | : No data available                |
| Boiling point                              | : No data available                |
| Flash point                                | : No data available                |
| Auto-ignition temperature                  | : No data available                |
| Decomposition temperature                  | : No data available                |
| Flammability (solid, gas)                  | : No data available                |
| Vapour pressure                            | : No data available                |
| Relative vapour density at 20 °C           | : No data available                |
| Relative density                           | : No data available                |
| Solubility                                 | : Water: Slightly soluble in water |
| Log Pow                                    | : No data available                |
| Viscosity, kinematic                       | : No data available                |
| Viscosity, dynamic                         | : No data available                |
| Explosive properties                       | : No data available                |
| Oxidising properties                       | : No data available                |
| Explosive limits                           | : No data available                |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

# URIC ACID REAGENT

## Safety Data Sheet

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Direct sunlight. Air contact.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Irritation : Irritating to eyes, respiratory system and skin.  
pH: 8

Corrosivity : Not classified  
pH: 8

Sensitisation : Not classified

Repeated dose toxicity : Not classified

Carcinogenicity : Not classified

Mutagenicity : Not classified

Toxicity for reproduction : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

# URIC ACID REAGENT

## Safety Data Sheet

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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to ...

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No.(IATA) : Not applicable

UN-No.(ADN) : Not applicable

UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

# URIC ACID REAGENT

## Safety Data Sheet

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Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

No data available

#### - Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

##### Germany

AwSV/VwVwS Annex reference : Water hazard class (WGK) 3, strongly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

# URIC ACID REAGENT

## Safety Data Sheet

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Full text of R-, H- and EUH-phrases:

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4               |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1   |
| Skin Corr. 1B       | Skin corrosion/irritation, Category 1B          |
| H302                | Harmful if swallowed                            |
| H314                | Causes severe skin burns and eye damage         |
| H318                | Causes serious eye damage                       |
| R22                 | Harmful if swallowed                            |
| R34                 | Causes burns                                    |
| R36/37/38           | Irritating to eyes, respiratory system and skin |
| C                   | Corrosive                                       |
| Xi                  | Irritant  |
| Xn                  | Harmful   |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*