



Form	QL801-050
Revision	A
Prepared by	Brian Anderson
Approved by	Owen Bry
Issue date	1/14/2011

[MSDS] **Uric Acid**  
1268 N. Lakeview Ave. Anaheim, CA 92807 Phone: (714) 463-1111 Fax: (714) 463-1169 www.tecodiag.com

**Section 1 – Product and Company Information**

<b>Product Name</b> <b>Catalog Number</b> <b>Product Type</b>	<b>Uric Acid</b> U580-240, U580-400 Clinical Chemistry Reagent	<b>Emergency Telephone No.</b> CHEMTREC (800) 424-9300 International CHEMTREC (703) 527-3887
<b>Company Name</b> <b>Street Address</b> <b>City, State, Zip Code, Country</b>	Teco Diagnostics 1268 N. Lakeview Avenue Anaheim, CA 92807 USA	<b>Company Telephone No.</b> (800) 222-9880 or (714) 693-7788 Monday - Friday 8:00-4:30 PST Fax No. (714) 693-3838

**Section 2 – Composition/Information on Ingredients**

	<b>Chemical Names</b>	<b>Concentration</b>	<b>CAS#</b>
Uric Acid Reagent:	4-Aminoantipyrine, 3,5 DHBS, Uricase, Peroxidase	4mM, 2mM, 150 U/L, 10 KU/L	83-07-08, 54970-72-8, 9002-12-4, 9003-99-0
Uric Acid Standard:	...	5mg/dl	...

Other components either non-hazardous or at concentrations below that requiring hazardous listing.

**Section 3 – Hazards Identification**

**Emergency Overview:**

Routes of Entry: Inhalation, ingestion, eye contact and skin contact.  
Skin contact: May cause irritation.  
Eye contact: May cause irritation.  
Inhalation: May be irritating to mucous membranes and upper respiratory tract.  
Ingestion: May be harmful if ingested.  
In case of inhalation, ingestion, eye contact, or skin contact, refer to section 4.  
Carcinogenicity: Not a known carcinogen

**Section 4 – First Aid Measures**

<b>Skin:</b>	In case of skin contact, immediately flush area with plenty of water for at least 15 minutes. Call a physician if necessary.
<b>Eyes:</b>	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician if necessary.
<b>Ingestion:</b>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Section 5- Fire and Explosive Hazard Data**

<b>Flash Point</b> N/A	<b>Explosion Limits</b> N/A	<b>Autoignition Temp</b> N/A
<b>Extinguishing Media</b> Use media appropriate for site conditions.		
<b>Firefighting Measures</b> Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Unusual Fire & Explosion Hazards: May emit toxic fumes under fire conditions.		

**Section 6 – Accidental Release Measures**

<b>Procedure to be Followed in Case of Leak or Spill</b> Ventilate the area. Absorb on inert material. Place material and contaminated disposables into a suitable container, seal, label and hold for disposal. Wash spill site after material pickup is complete.	<b>Procedures of Personal Precaution</b> Exercise appropriate precautions to avoid direct contact with skin or eyes. Refer to section 8.
<b>Methods for Disposal</b> Refer to section 13.	

**Section 7 – Handling and Storage**

<b>Handling</b> Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Avoid inhalation or ingestion. Do not pipette by mouth. Wash thoroughly after handling. Wash contaminated clothing before reuse. Refer to Section 8	<b>Storage</b> Store according to package directions.
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**Section 8 – Exposure Controls / PPE**

**Engineering Controls**

Safety shower and eyewash.  
Ventilation: General room ventilation is satisfactory.

**Personal Protective Equipment**

Respiratory Protection: None required where adequately ventilated.  
Protective Clothing: lab coat  
Protective Gloves: latex or rubber gloves  
Eye Protection: safety glasses or goggles  
Other Protective Equipment: Use a safety pipette device.

**Section 9 - Physical Data**

<b>Boiling Point</b> N/A	<b>Solubility in Water</b> Soluble	<b>Specific Gravity (g/cm<sup>3</sup>)</b> N/A
<b>Odor</b> No Significant Odor	<b>pH</b> Not relevant to safety	<b>Appearance</b> White to off-white powder

**Section 10 – Stability and Reactivity**

**Stability**

Stable, under normal handling and storage conditions.

**Materials to Avoid**

N/A

**Hazardous Decomposition Products**

N/A

**Hazardous Polymerization**

Will not occur

**Section 11 – Toxicological information**

No information available.

**Section 12 – Ecological Information**

No information available.

**Section 13 – Disposal Considerations**

Dispose of in accordance with current national and regional regulations.

**Section 14 – Transport Information**

Product is stable under normal conditions.  
Non-hazardous for transport.

**Section 15 – Regulatory Information**

OSHA Status: Regulated under Subpart Z  
Classification: The preparation is classified and labeled according to EEC Directive n.88/379.  
Symbol: N/A  
Risk Statements: N/A  
Safety Statements: N/A

**Section 16 – Other Information**

This Product is labeled in accordance with CFR21 (Food and Drugs), Section 809.10.

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. We make no warranties, express or implied, and assume no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.

N/A - Not Applicable or Not Available