

# Safety Data Sheet

Part Number 328943

## Section 1. Substance Identity and Company Contact Information

<b>Product Name</b>	Quality Control Standard (OIA 1677/ASTM D 7511)	<b>Product Part Number(s)</b>	328942
<b>Trade Name</b>	Quality Control Standard	<b>Unit Size</b>	5 mL
<b>Company</b>	OI Analytical, P.O. Box 9010, College Station, TX 77842-9010, Phone: (979) 690-1711, Fax: (979) 690-0440		

**Emergency No. 1-800-424-9300 (Chemtrec).** Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

## Section 2. Hazards Identification

**Pictogram(s)**



**Signal Word**

Warning

**Precautionary Statement(s)**

May be harmful if swallowed. May be harmful to the environment.

**Emergency Overview**

All chemicals should be considered hazardous - direct physical contact should be avoided.

**Target Organ(s)**

No data available

**Potential Health Effects**

Eye:	No data available
Skin:	No data available
Ingestion:	May be harmful if swallowed.
Inhalation:	No data available

**Chronic Effects/  
Carcinogenicity**

IARC:	No data available
NTP:	No data available
OSHA:	No data available

**Teratology (Birth Defects)  
Information**

No data available

**Reproductive Information**

No data available

**NFPA Ratings**

Health:	Unknown
Flammability:	Unknown
Reactivity:	Unknown
Special Notice Key:	Unknown

**HMIS Rating**

Health:	Unknown
Flammability:	Unknown
Reactivity:	Unknown
Protective Equipment:	Unknown

### Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL
Water	007732-18-5	96.0000	No data available	No data available
Sodium hydroxide	001310-73-2	4.0000	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
potassium ferrocyanide, trihydrate	014459-95-1	0.0005	No data available	No data available
potassium tetracyanonickelate(II) hydrate	339527-86-5	0.0005	0.1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

### Section 4. First Aid Measures

<b>General Advice</b>	No data available
<b>If Inhaled</b>	Seek fresh air.
<b>In Case of Skin Contact</b>	Wash with copious amounts of water.
<b>In Case of Eye Contact</b>	Wash with copious amounts of water. Seek medical attention.
<b>If Swallowed</b>	No data available
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	Contains sodium hydroxide.

### Section 5. Fire-fighting Measures

<b>General Information</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas.
<b>Suitable Extinguishing Media</b>	CO <sub>2</sub> , extinguishing powder, or water spray. Fight larger fires with water spray or alcohol-resistant foam.
<b>Special Hazards Arising from the Substance or mixture</b>	No data available
<b>Advice for Firefighters</b>	No data available
<b>Flash Point</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Further Information</b>	No data available

### Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	See Section 8.
<b>Environmental Precautions</b>	No data available
<b>Methods and Materials for Containment and Cleaning</b>	No data available
<b>Reference to Other Sections</b>	For disposal, see Section 13.

### Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	No data available
<b>Specific End Use(s)</b>	Analytical chemistry

## Section 8. Exposure Controls and Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available
<b>Appropriate Engineering Controls</b>	General industrial hygiene practice.
<b>Eye/Face Protection</b>	Eyewash facility, safety shower, sink. Wear chemical goggles and face shield.
<b>Skin Protection</b>	Gloves
<b>Body Protection</b>	Chemical-resistant clothing
<b>Respiratory Protection</b>	Normal room ventilation is adequate.
<b>Control of Environmental Exposure</b>	No special environmental precautions required.

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Form: Liquid; Color: Colorless
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	12
<b>Melting Point/Freezing Point</b>	No data available
<b>Initial Boiling Point and Boiling Range</b>	100 °C / 212 °F
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	No data available
<b>Water Solubility</b>	Soluble
<b>Partition Coefficient : n-octanol/water</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Other Safety Information</b>	No data available

## Section 10. Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under ordinary conditions of storage and use.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	HCl, HF, HNO <sub>3</sub> , and H <sub>2</sub> SO <sub>4</sub>

## Section 11. Toxicological Information

<b>Routes of Exposure</b>	<i>On the skin:</i>	No irritant effect
	<i>On the eye:</i>	No irritant effect
	<i>Inhalation:</i>	No irritant effect
	<i>Ingestion:</i>	May be harmful if swallowed
<b>Respiratory or Skin Sensitization</b>	No sensitizing effects known.	
<b>Signs and Symptoms of Overexposure</b>	Unknown	
<b>Toxicity Data</b>	<i>Oral Rat</i>	No data available

## Section 12. Ecological Information

<b>General Notes</b>	Has moderate acute toxicity to aquatic life. Not known to be hazardous to water. Material is inherently biodegradable.
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## Section 13. Disposal Considerations

<b>Product</b>	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Hand over to hazardous waste disposers.
<b>Contaminated Packaging</b>	Dispose of according to official regulations.

## Section 14. Transport Information

<b>DOT Shipping Name</b>	No data available
<b>UN Proper Shipping Name</b>	No data available
<b>DOT Hazard Class</b>	No data available
<b>Packing Group</b>	No data available
<b>UN Number</b>	No data available
<b>Hazardous Ingredients</b>	No data available
<b>DOT Label</b>	No data available
<b>DOT Placard</b>	No data available
<b>IMDG Shipping Name</b>	No data available
<b>UN Number</b>	No data available
<b>Class</b>	No data available
<b>Packing Group</b>	No data available
<b>IATA Shipping Name</b>	No data available
<b>Technical Shipping Name</b>	No data available
<b>IATA Hazard Class</b>	No data available
<b>UN Number</b>	No data available
<b>Hazardous Ingredients</b>	No data available
<b>IATA Label</b>	No data available
<b>IATA Placard</b>	No data available

## Section 15. Regulatory Information

<b>OSHA Status</b>	No data available	
<b>TSCA Status</b>	No data available	
<b>CERCLA Reportable Quantity</b>	No data available	
<b>SARA Title III</b>	No data available	
<b>RCRA Status</b>	No data available	
<b>California Proposition 65</b>	No data available	
<b>Chemical Weapons Convention</b>	No data available	
<b>TSCA 12 (b)</b>	No data available	
<b>SARA 311/312</b>	Acute:	No data available
	Chronic:	No data available
	Fire:	No data available
	Pressure:	No data available
	Reactivity:	No data available
<b>Australian Hazchem Code</b>	No data available	
<b>Poison Schedule</b>	No data available	
<b>WHMIS</b>	This SDS has been prepared according to the hazard criteria of the Controlled Product Regulations (CPR) and the SDS contains all of the information required by the CPR.	

## Section 16. Other Information

Date Prepared: August 14, 2004  
Revised: May 22, 2015

For R&D use only. Not for drug, household, or other uses.

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