

## Safety Data Sheet


OSHA's Hazard Communication Standard, 29 CFR 1910.1200

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that. Consult the standard for specific requirements.

### Section 1 – Product and Company Information

<b>Product name:</b>	eXact® - Cyanide Complete Visual kit		
<b>Product number:</b>	484003	<b>Telephone numbers:</b>	
<b>Recommended use:</b>	To determine the concentration of free cyanide in water	<b>Emergency Telephone (Poison Control):</b>	1-800-222-1222
<b>Restricted use:</b>	Not Applicable	<b>Manufacturer:</b>	803-329-9712
<b>Mfg. name:</b>	Industrial Test Systems, Inc.		
<b>Mfg address:</b>	1875 Langston St. Rock Hill, SC		

### Section 2 – Hazard Identification

<b>Hazard (s):</b> 	IRRITANT, HARMFUL IF SWALLOWED: Irritation to nose and throat.
<b>Required labeling:</b>	Not Applicable

### Section 3 – Composition/Information on Ingredients (list only ingredients classified as health hazards)

Reagent	CAS	RTECS #	%	Hazard
Monobasic sodium phosphate	7558-80-7	WA1900000	0.825	Irritant*
Dibasic sodium phosphate	7558-79-4	WC4500000	0.141	Irritant+
Isonicotinic acid	55-22-1	NS1103000	0.83	Irritant++
1,3 dimethylbarbituric acid	769-42-6	NA	0.74	Irritant, Harmful if swallowed

RTECs: Registry of Toxic Effects of Chemical Substances TSCA: Toxic Substances Control Act

### Section 4 – First-aid measures

Contact area	First-aid
<b>Eyes</b>	Flush with large amounts of cold water for 15 minutes
<b>Skin</b>	Rinse with large amounts of water for 15 minutes. Remove contaminated clothing
<b>Ingestion</b>	If swallowed, do not induce vomiting. Drink 1 – 2 glasses of water to dilute the stomach contents. Do not give water to the victim if they are unconscious. Call a physician immediately.
<b>Inhalation</b>	If inhaled, remove person to fresh air source.
<b>Most likely effect</b>	Irritation

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### Section 5 – Fire-fighting Measures

<b>Extinguishing media:</b>	Use that which is appropriate for the surrounding fire
<b>Explosion Hazard:</b>	Not Applicable
<b>Flash point:</b>	Not Applicable
<b>Special fire fighting procedures:</b>	Not Applicable

### Section 6 – Accidental Release Measures

Sweep up and dispose in normal trash. Do not breathe dust. Wash hands.

### Section 7 – Handling and Storage

Use standard hygienic practices (no eating, drinking, or smoking) around the product. Wash hands after use. Keep away from children and pets. Keep container tightly closed.

### Section 8 – Exposure Controls/Personal Protection

<b>OSHA Permissible limits:</b>	Not Applicable
<b>Engineering controls:</b>	Adequate ventilation. Use dust mask if there is a large spill.
<b>Personal Protective Equipment (PPE):</b>	Use PPE appropriate for the surroundings
<b>Other:</b>	Use gloves to prevent contact irritation. Use eye protection to prevent droplets from entering the eye. Ensure an eyewash station is available

### Section 9 – Physical and chemical properties

<b>Appearance:</b>	White to off-white pad(s) on plastic handle	<b>Melting/freezing point:</b>	Not Applicable	<b>Decomposition temperature:</b>	No data
<b>Upper/Lower flammability limits:</b>	No data	<b>Solubility:</b>	Not Applicable	<b>Viscosity:</b>	Not Applicable
<b>Odor:</b>	Slight chlorine-like odor (Strip 1)	<b>Initial Boiling point/Range:</b>	Not Applicable		
<b>Vapor Pressure:</b>	Not volatile	<b>Flash point:</b>	No data		

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<b>Odor threshold:</b>	Not Applicable	<b>Evaporation rate:</b>	Not Applicable
<b>pH:</b>	Not Applicable	<b>Flammability:</b>	flammable
		<b>Partition coefficient:</b>	Not Applicable
<b>Relative Density:</b>	Not Applicable	<b>Auto-ignition temperature:</b>	No data

### **Section 10 – Stability and Reactivity**

Product is stable under normal conditions. Hazardous polymerization will not occur.

### **Section 11 – Toxicological information**

\* Monobasic sodium phosphate LD50 Rat-oral, 8290mg/kg

++ Isonicotinic acid LD50 Rat-oral, 5000mg/kg

+ Barbituric acid LD50 Rat-oral, 17g/k

### **Section 12 - Ecological information**

Data not available

### **Section 13 – disposal considerations**

Dispose in normal trash.

### **Section 14 – Transport considerations**

Not regulated by DOT, IATA, or other

### **Section 15 – Regulatory information**

Classified as an article under OSHA29 CFR 1910.1200 , Non-Hazardous

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### Section 16 – Other information

<b>Preparer:</b>	H. R.
<b>Date prepared:</b>	12-26-18
<b>Supersedes revision:</b>	Not applicable
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