

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

Product name:	Hi RA solution		
Product number:	ELC Test Kit	Telephone numbers:	
Recommended use:	Included in ELC test kit.	Emergency Telephone (Poison Control):	1-800-222-1222
Restricted use:	Not applicable		
Mfg. name:	Industrial Test Systems, Inc.	Manufacturer:	803-329-9712
Mfg address:	1875 Langston St. Rock Hill, SC		

Section 2 – Hazard Identification

Hazard (s): 	Irritant
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Section 3 – Composition/Information on Ingredients

Reagent	CAS	%	Hazard
Sulfamic acid	5329-14-6	10-20	Irritant

Section 4 – First-aid measures

Contact area	First-aid
Eyes	May cause chemical burns. Flush with copious amounts of water for at least 15 minutes. Call physician.
Skin	May cause skin irritation. Rinse with copious amounts of water for 2 minutes. Call physician.
Ingestion	DO NOT INDUCE VOMITING. Call a physician or Poison Control
Inhalation	Evacuate to fresh air. If breathing is difficult, give oxygen and seek medical advice
Most likely effect	Irritation, burns to membranes

Section 5 – Fire-fighting Measures

Extinguishing media:	Use that which is used for the surrounding fire.
Explosion Hazard:	None
Flash point:	Not applicable, not flammable
Special fire- fighting procedures:	Not applicable

Section 6 – Accidental Release Measures

Dilute spill with plenty of water. Use an absorbent such as clay. Discard as per local regulations.

Section 7 – Handling and Storage

Store closed at room temperature. Keep away from children and pets.
Maintain general hygienic practices when using this product. Wash hands thoroughly after handling.

Section 8 – Exposure Controls/Personal Protection

OSHA Permissible limits:	Not applicable
Engineering controls:	Not applicable
Personal Protective Equipment (PPE):	Use PPE appropriate for the surroundings
Other:	Use gloves to prevent contact irritation. Use eye protection to prevent droplets from entering the eye.

Section 9 – Physical and Chemical Properties

Appearance:	Clear colorless liquid with no odor	Melting/freezing point:	No data	Decomposition temperature:	No data
Upper/Lower flammability limits:	No data	Solubility:	Soluble	Viscosity:	No data
Odor:	No odor	Initial Boiling point/Range:	No data		
Vapor Density:	No data	Relative density/Specific gravity:	No data		
Vapor Pressure:	No data	Flash point:	Not applicable		
Odor threshold:	No data	Evaporation rate:	No data		
Vapor Density:	No data	Flammability:	Not flammable		
pH:	1 - 3	Partition coefficient:	No data		

Section 10 – Stability and Reactivity

Product is stable. Hazardous polymerization will not occur.

Section 11 – Toxicological Information

Data not available

Section 12 - Ecological Information

Data not available

Section 13 – Disposal Considerations

Discard down drain with large amounts of water.

Section 14 – Transport Considerations

This product is not regulated by DOT, IATA, or other.

Section 15 – Regulatory Information

This product is not regulated.

Section 16 – Other Information

Preparer:	H. R.
Date prepared:	February 13, 2019
Supersedes revision:	Not applicable
Disclaimer:	The information in this Safety Data Sheet is accurate to the best of our knowledge. It is designed only as guidance for safe use, handling, storage, and disposal. This information is not considered to be a warranty or a quality specification. This company shall not be held liable for any damage resulting from handling or from contact with the above product.