

# SAFETY DATA SHEET

## WRI

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### 1. Product and Manufacturer Identification

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Product Name: WRI

Manufacturer: Apollo Technologies, Inc.  
31441 Santa Margarita Parkway, Suite A-219  
Rancho Santa Margarita, Ca. 92688

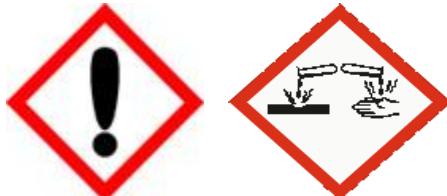
**For more information call: (949) 888-0573**

**In case of emergency call:**  
(24 hours per day, 7 days per week)  
**Chem-Tel (800) 255-3924**  
**Contract # MIS0000451**

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### 2. Hazards Identification

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***Hazard statement(s)***

***H302 Harmful if swallowed***

***H319 Causes serious eye irritation***

***H315 Causes skin irritation***

***H412 Harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment***

***Precautionary statement(s)***

***P102 Keep out of the reach of children***

***P234 Keep in original container***

***P305+P351+P338 IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses. Continue rinsing***

***P301+330+331+315 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Get immediate medical advice/attention.***

***P273 Avoid release to the environment***

### **Potential Health Hazards**

**Skin:** Mist and solutions will cause severe skin irritation and possible ulceration.

**Eyes:** Mist or solutions will cause burns to the eyes. Material will cause blindness.

**Inhalation:** Will cause irritation to the respiratory tract including mucous membranes.

**Ingestion:** Will irritate the gastrointestinal tract. A large dose may cause violent diarrhea and abdominal perforations, lung edema or chest pains.

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### 3. Composition- Ingredients

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INGREDIENT NAME	CAS NUMBER
Sulfuric Acid	7664-38-2
Sodium Tolytriazole	64665-57-2

The remainder of the ingredients in this mixture is a proprietary blend. Specific chemical identities will be disclosed to competent medical personnel upon request. This is in the event of an actual medical emergency. Exact chemical concentrations are also a trade secret.

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### 4. First Aid Measures

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**Skin:** Immediately wash skin with soap and water. Remove contaminated clothing and wash in an industrial laundry before reusing. Get medical attention. Bring this SDS to the health care provider.

**Eyes:** Flush eyes immediately with water for at least 15 minutes. If possible, continue irrigation until medical attention is immediate. Hold the lids back and allow water to thoroughly irrigate the eyes. Seek prompt medical attention.

**Inhalation:** Remove to fresh air. Seek prompt medical attention as material is especially reactive with mucous membranes.

**Ingestion:** If the person is conscious, give plenty of milk or water. Get immediate medical attention.

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### 5. Fire Fighting Measures

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#### Flammable Properties

**Flash Point:** Not Flammable

**Auto ignition temperature:** Not Applicable

#### **Extinguishing Media:**

Material is not flammable. Use extinguishing media appropriate for surrounding fire.

**Unusual Fire and Explosion Hazards:** None

**Special Fire Fighting Measures:** Wear NIOSH approved breathing apparatus. Use water spray to keep containers cool.

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### 6. Accidental Release Measures

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**In case of spill or other material release:** dike to prevent entering sewer or other waterway. Absorb onto sand or weak bicarbonate of soda solution. Wear appropriate personal protective equipment. Provide adequate ventilation to clear fumes.

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### 7. Handling and Storage

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**Normal Handling:** Avoid contact with eyes, skin and clothing. Do not eat or drink in the material handling and storage area. Practice good personal hygiene and housekeeping.

**Storage Recommendations:** Store in a cool, dry, well ventilated area away from basic chemicals and oxidizers. Keep container closed when not in use. Avoid prolonged contact with stainless steel.

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### 8. Exposure Controls/ Personal Protective Equipment

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**Engineering Controls:** Use local exhaust while dispensing or during a release. Do not handle within an unventilated space.

#### Personal Protective Equipment

**Skin Protection:** When handling solutions, wear 8 mil or thicker Neoprene or PVC gloves, boots and a rubber apron or other impervious clothing.

**Eye Protection:** Wear a head covering and chemical safety goggles. Do not wear contact lenses or impact resistant safety glasses.

**Respiratory Protection:** Use a NIOSH approved respirator for acid fumes. Wear a respirator approved for use with Phosphorous Oxide gas in the event of a fire. A self contained or supplied air respirator may be required.

**An eye wash and safety shower is also required.**

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### 9. Physical and Chemical Properties

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<b>Appearance:</b>	Water white to Beige
<b>Physical State:</b>	Liquid
<b>Odor:</b>	Sharp odor
<b>Specific Gravity:</b>	1.22-1.26
<b>Density:</b>	10.2-10.6 lbs. per gallon
<b>Solubility in Water:</b>	completely
<b>pH:</b>	0.2-0.7
<b>VOC content</b>	0 %

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### 10. Stability and Reactivity

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**Normally Stable.** Avoid high temperatures-phosphorous oxides may form when heated.

**Incompatibilities:** Strong Oxidizers and bases. Causes vigorous exothermic reactions.

Avoid water. Avoid contact with reactive metals.

Amines, anhydrides and combustibles should be avoided.

**Hazardous Decomposition Products:** Phosphorous Oxides, Carbon Monoxide and Carbon Dioxide.

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### 11. Toxicology Information

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**Acute (Immediate) Effects:** Severe rash or skin irritation. Moderate to severe burns to eyes, skin and mucous membranes.

**Delayed Effects:** May cause Bronchitis.

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**12. Ecological Information**

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N/A

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**13. Disposal Considerations**

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**RCRA:** This material is not a listed hazardous waste. Dispose of in accordance with federal, state and local regulations. Do not neutralize for disposal or send to sewer.

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**14. Transport Information**

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**US DOT:** regulated

**Proper Shipping Name:** UN 3264, Corrosive liquid, acidic, inorganic n.o.s, 8, PGIII  
ERG 154-2012

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**15. Regulatory Information**

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**Toxic Substances Control Act**

**TSCA:** All components are listed on the TSCA Inventory of Chemical Substances

**SARA Title III/CERCLA**

**Section 311 Hazard Class:** Immediate (Irritant), reactive, acute health and chronic health

**SARA 313 Toxic Chemicals:** none

**State Right to Know Lists**

**California:** This material contains the following substances known to the state of California to cause cancer or reproductive harm: Arsenic, Lead and Cadmium.

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**16. Other Information**

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**NFPA=** Health -2    Fire -0        Reactivity- 2

**DANGER:** Corrosive

**Current Issue Date:** October 10, 2013

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**Revision Date: October 10, 2015**