

**NICHROME ETCHANT NE-8**

100 Thompson Street  
Pittston, PA 18640 USA  
Phone: (570) 654-0612  
Fax: (570) 654-2810

**MATERIAL SAFETY DATA SHEET**

SECTION 1		PRODUCT IDENTIFICATION		HAZARD RATING		
<b>PRODUCT NAME:</b> Nichrome Etchant NE-8				<b>HEALTH</b>	<b>FIRE</b>	<b>REACTIVITY</b>
<b>OTHER</b>						
<b>MANUFACTURER'S NAME:</b> Acton Technologies, Inc.				2	0	2
<b>CHEMICAL FAMILY:</b> Inorganic Acid						
<b>FORMULA:</b> Proprietary blend of Deionized Water, Sulfuric Acid and Ceriic Ammonium Nitrate						
SECTION 2		HAZARDOUS INGREDIENTS				
<b>INGREDIENT</b>	<b>C.A.S. NUMBER</b>	<b>% VOLUME</b>	<b>TLV (UNITS)</b>			
Sulfuric Acid 70%	7664-93-9	< 10%	2 PPM			
SECTION 3		PHYSICAL DATA				
<b>VAPOR DENSITY:</b> N/A		<b>PERCENT VOLATILE:</b> N/A				
<b>SOLUBILITY IN WATER:</b> Complete		<b>SPECIFIC GRAVITY:</b> 1.06				
<b>EVAPORATION RATE:</b> N/A		<b>ODOR:</b> N/A				
<b>APPEARANCE:</b> Reddish-Orange Liquid						
SECTION 4		FIRE AND EXPLOSION HAZARD DATA				
<b>FLASHPOINT:</b> None		<b>AUTO IGNITION TEMPERATURE:</b> N/A				
<b>FLAMMABLE LIMITS IN AIR:</b> N/A		<b>EXTINGUISHING MEDIA:</b> None				
<b>FIRE FIGHTING PROCEDURES:</b> None- will not support combustion. Use an abundance of water in case of spills.						
SECTION 5		HEALTH HAZARD DATA				
<b>PERMISSIBLE EXPOSURE DATA:</b> No Data						
<b>EFFECTS OF OVEREXPOSURE:</b> Slight chronic and systemic effects. These will disappear after end of exposure.						
<b>FIRST AID PROCEDURES:</b>						
<b>INHALATION:</b> Remove person to fresh air.						
<b>EYES:</b> Flush area with water. Seek medical attention at once.						
<b>SKIN:</b> Flush with water immediately. Seek medical attention at once.						
<b>INGESTION:</b> Seek medical attention at once.						

**SECTION 6****REACTIVITY DATA**

**STABILITY:** Stable

**CONDITION TO AVOID:** Avoid contact with reducing agents, extreme heat will build pressure.

**INCOMPATIBLE WITH:** Organic Materials, Reducing Agents.

**HAZARDOUS POLYMERIZATION:** Will Not Occur.

**SECTION 7****SPILL, LEAK AND DISPOSAL PROCEDURES**

**SPILLS, LEAKS:** Add water if necessary. Absorb spilled material with Sand, Clay, Earth or other absorbent material. Shovel into containers for disposal.

**DISPOSAL:** Comply with Local, State, and Federal Environmental Regulations.

**SECTION 8****SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** In excess of TLV, use NIOSH/MSHA self contained breathing apparatus.

**VENTILATION:** Provide adequate ventilation.

**PROTECTIVE GLOVES:** Neoprene or Polyvinyl Chloride

**EYE PROTECTION:** Safety Glasses or Wear Splash Goggles and 8" Face Shield.

**SECTION 9****SPECIAL PRECAUTIONS AND COMMENTS**

**STORAGE AND HANDLING INFORMATION:**

Store in a cool dry area. Never add to hot water. Never store in glass or metal containers. Empty containers containing product residues and rinse extremely well with water before disposal. Containers should never be used for other products or for mixing.

**PROPER D.O.T. SHIPPING DESCRIPTION:**

NITRATE, INORGANIC, NOS, 5.1, UN1477, PGII, (CONTAINS: CERRIC AMMONIUM NITRATE, SULFURIC ACID)

**\*\*\*NOTICE\*\*\***

This data is furnished gratuitously, independent of any sale of the product, and only for your independent investigation and verification. While this data is believed to be correct, Acton makes no representation as to the accuracy of the data. Acton makes no warranties, guarantees or representations of any kind or nature with respect to this product or to this data, merchantability or fitness for any particular purpose. Acton shall in no event be liable for any personal injury, property or other damages of any nature whatsoever, whether special, indirect, consequential or compensatory, directly or indirectly resulting from the publication or use or of reliance upon this data.