

# MATERIAL SAFETY DATA SHEET

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**PRODUCT NAME:** WT-9X01

**MSDS NUMBER:** 122001WT9X01

**PRODUCT CODE:** Metal Reducer

**MSDS DATE:** 12/20/2001

**KEY NUMBER:** WT-9X01

**EMERGENCY PHONE #'s:** (800) 255-3924 (ChemTel)



**Advanced Chemical Technology, Inc.**

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<b>HEALTH</b>	<b>1</b>	Slightly Hazardous
<b>FIRE</b>	<b>0</b>	Will Not Burn
<b>REACTIVITY</b>	<b>0</b>	Stable
<b>SPECIFIC</b>	Alkali - ALK	

**1. IDENTIFICATION**

**See Addendum:** Ref. PAGE:

**Chemical Name:** WT-9X01

**Chemical Family:** Metal Reducer

**CAS #:** Mixture

**Chemical Formula:** Mixture

**CAS Name:** Mixture

**Molecular Weight:** Mixture

**Synonyms / Common Name:** Metal Reducer

**DOT Information:** Non-regulated

**2. PHYSICAL DATA**

**See Addendum:** Ref. PAGE:

**Appearance:** Clear, Slight haze

**Color:** Clear

**State:** Liquid

**Odor Characteristics:** Masked, slight amine

**pH:** 11.8 ±.5

**Viscosity:** NA

**Specific Gravity (Water = 1):** 1.17 ±.05

**Vapor Density (Air = 1):** ND

**Vapor Pressure:** 13 mm Hg @ 25 C

**Melting Point:** NA

**Boiling Point:** > 212 °F

**Flash Point:** None

**Freezing Point:** <32 °F

**Percent Volatility:** NE

**Evaporation Rate (BAc = 1):** <1

**Solubility in Water:** Soluble

**Solubility in Oil:** NA

**Solubility in Acetone:** NA

**3. INGREDIENTS**

**See Addendum:** Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Proprietary Blend	NA	NA	NE	

**4. FIRE AND EXPLOSION HAZARD DATA**

**See Addendum:** Ref. PAGE:

**Flash Point:** None

**Flammable Limits in Air % by volume:** Lower NA  
Upper NA

**Extinguishing Media:** No fire hazard

**Special Fire Fighting Procedures:** Keep containers cool with a water spray.

**Unusual Fire & Explosion Hazards:** May form flammable by-products on contact with strong acids and/or extreme heat.

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**5. HEALTH HAZARD DATA** See Addendum:

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Threshold Limit Value: ND

**Effects of Overexposure:****Inhalation:** May cause irritation of mucous membranes and the lungs. Exposed individuals should be monitored for respiratory distress, bronchitis, or pneumonia**Skin Contact:** Irritant. Effects may vary depending on length of exposure, solution concentration, and first aid measures.**Eye Contact:** Irritant. Effects may vary depending on length of exposure, solution concentration, and first aid measures.**Ingestion:** No data is available on human ingestion**Delayed Effects:** ND**Medical Conditions Aggravated by Exposure** ND**6. FIRST AID MEASURES** See Addendum:

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**Inhalation:** Immediately remove exposed individual to fresh air. If an individual experiences nausea, headache, dizziness, has difficulty breathing, or is cyanotic, see a health care professional immediately.**Skin Contact:** Wash exposed area with soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a health care professional.**Eye Contact:** Flush eyes with water for 15 minutes. Seek medical attention**Ingestion:** DO NOT INDUCE VOMITING. Rinse with copious amounts of water or milk first. Irrigate the esophagus and dilute stomach contents by slowly giving one (1) to (2) glasses of water or milk. Seek medical attention**NOTES TO PHYSICIAN:** None**7. REACTIVITY DATA** See Addendum:

PAGE #:

**Stability:** Stable**Incompatibility:** Strong acids  
(materials to avoid)**Hazardous Combustion or Decomposition Products** Thermal degradation may generate vapors of hydrogen sulfide. Contact with fire or strong oxidants may generate oxides of sulfur, nitrogen, and carbon**Hazardous Polymerization:** Will not occur**Conditions to Avoid:** Do not mix with other industrial chemicals.**8. SPILL OR LEAK PROCEDURES** See Addendum:

PAGE #: 4

**Actions to take for Leaks & Spills** Follow all Local, State, and Federal regulations for disposal. Soak up spills with absorbent material and place in drums. Do not discharge into lakes or streams.**Waste Disposal Method:** Hazardous Waste. Follow all applicable Local, State, and/or Federal regulations for waste disposal



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**9. SPECIAL PROTECTION INFORMATION**

See Addendum:

Ref. PAGE:

**Respiratory Protection:** None required if good ventilation is maintained

**Eye Protection:** Safety goggles & face shield

**Skin Protection:** Rubber gloves, aprons, and protective clothing

**Other Clothing:** Long shirts and pants are recommended

**Other Equipment:** None

**Engineering Controls:** Normal

**10. HANDLING AND STORAGE**

See Addendum:

Ref. PAGE:

**Special Precautions:** Good housekeeping practices and normal protective clothing

**Other Precautions:** None

**11. REGULATORY INFORMATION**

See Addendum:

Ref. PAGE: 4

**Workplace Classification:** Not listed by NTP, IARC, OSHA

**12. TOXICOLOGICAL INFORMATION**

See Addendum:

Ref. PAGE:

**Acute Data:** NE

**Reproductive /  
Teratology Data** NE

**13. ECOLOGICAL INFORMATION**

See Addendum:

Ref. PAGE:

**Fate in the Environment:** NE

**14. DISPOSAL CONDITIONS**

See Addendum:

Ref. PAGE:

**Procedures:** Follow all Local, State, and Federal environmental regulations for disposal

**15. TRANSPORTATION INFORMATION**

See Addendum:

Ref. PAGE:

**DOT Classification:** Water Treatment Compound N.O.S.

**Warning Labels:** None



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**ADDENDUM for Section - 6. FIRST AID MEASURES - Ref. Pg. 2**

INGESTION: DO NOT INDUCE VOMITING. Rinse with copious amounts of water or milk first. Irrigate the esophagus and dilute stomach contents by slowly giving one (1) to (2) glasses of water or milk. Seek medical attention Avoid giving alcohol or alcohol related products. In cases where the individual is semi-comatose, comatose, or convulsing, DO NOT GIVE FLUIDS BY MOUTH

**ADDENDUM for Section - 8. SPILL OR LEAK PROCEDURES - Ref. Pg. 2**

Under the Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user to determine whether a substance should be classified as a hazardous waste at the time of disposal. This is due to the fact that product use, transformation, synthesis, mixtures, etc. may change the nature of the product.

**ADDENDUM for Section - 11. REGULATORY INFORMATION - Ref. Pg. 3**

**SARA/TITLE III - SECTION 304 EMERGENCY NOTIFICATION REPORTING**

This product does not contain a Section 304 listed hazardous substance for emergency release notification

**SARA/TITLE III - SECTION 313 TOXIC CHEMICAL RELEASE REPORTING**

This product does not contain a Section 313 listed toxic chemical subject to release reporting requirements.

**TSCA INVENTORY STATUS**

All chemical components are listed on TSCA inventory

**CALIFORNIA PROPOSITION 65 STATUS**

This product does not contain chemicals currently on the California list of known carcinogens and/or reproductive toxins.



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**ADDENDUM for Section - Other Information**

NA = Not Applicable

ND = Not Determined

NE = Not Established

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Advanced Chemical Technology makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Accordingly, Advanced Chemical Technology will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied or merchantability fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers.

**ADDENDUM for Section -**

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