

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
<b>NFPA Rating:</b> Health-3; Flammability-0; Reactivity-0; Special-			<b>HMIS Rating:</b> Health-3; Flammability-0; Reactivity-0; Personal Protection-B			
<b>DOT Hazard Classification:</b> Corrosive Liquid, N.O.S. 8						
<b>FDA:</b> This product is approved under the following FDA (21 CFR) sections: Unknown.						
Manufacturer's Name: <b>AmSolv Manufacturing Company.</b> Address: 1803 Howard Road Waxahachie, TX 75165			<b>Identity</b> (trade name as used on label): <p style="text-align: center;"><b>AmSolv AmTreat 2201</b></p>			
Date Prepared: 2005-07-05		Prepared By: STH		<b>MSDS Number:</b> WC2201      Revision - 1		
Information Calls: 1 (972) 938-1401 EMERGENCY RESPONSE NUMBER: 1 (972) 938-1410 (International)			<b>NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA</b>			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
AMINOTRIS (METHYLENEPHOSPHONIC ACID)		6419-19-8	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> 100°C		<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.22				
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A		<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D				
<b>Vapor Density</b> (Air = 1): N/D		<b>Evaporation Rate</b> (water = 1): 1				
<b>Solubility in Water:</b> Complete		<b>Water Reactive:</b> No				
<b>Appearance and Odor:</b> Clear, light amber, non-viscous liquid with no odor						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A		<b>Auto Ignition Temperature</b> N/A		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A      % UEL: N/A		
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): Non-combustible			<b>EXTINGUISHER MEDIA:</b> Non-combustible. Use media appropriate to surrounding fire.			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> None Required						
<b>Unusual Fire &amp; Explosion Hazards:</b> May react with aluminum to liberate hydrogen gas. If heated to decomposition, may liberate oxides of sulfur, SO <sub>x</sub> , oxides of phosphorous, PO <sub>x</sub> , oxides of carbon CO <sub>x</sub> .						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT    OCCUR			
<b>Incompatibility</b> (Mat. to avoid): Acids, Aluminum surfaces			<b>Conditions to Avoid:</b> None known.			
<b>Hazardous Decomposition Products:</b> Oxides of sulfur, SO <sub>x</sub> , oxides of phosphorus, PO <sub>x</sub>						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input checked="" type="checkbox"/> NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b>						
<b>Inhalation:</b> Mist or spray may be a mild irritant to mucous membranes and respiratory passages.						
<b>Eye Contact:</b> Mild irritant.			<b>Skin Contact:</b> May irritate previously damaged skin.			
<b>Ingestion:</b> May cause gastrointestinal tract irritation. Toxic effects not exacted.						
<b>CHRONIC EFFECTS:</b> None known.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> May further irritate areas where irritation or injury is present.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush (including under lids) with water for 15 minutes. If irritation persists, get medical attention.						
<b>Skin Contact:</b> Wash and rinse thoroughly with water. If irritation persists, get medical attention.						
<b>Inhalation:</b> Remove to fresh air. If irritation persists or other respiratory symptoms develop, get medical attention.						
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> None required.						
<b>Protective Gloves:</b> Rubber, if desired.			<b>Eye Protection:</b> Chemical goggles or face shield.			
<b>Ventilation Requirements:</b> None required.						
<b>Other Protective Clothing &amp; Equipment:</b> Rubber boots and apron, if desired.						
<b>Hygienic Work Practices:</b> Avoid contact with skin and avoid breathing vapors.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> DO NOT drain into sewers or surface waters. Soak up in absorbent material and place in properly labeled, sealed, no-leaking containers for proper authorized hazardous waste disposal.						
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original container. Keep container sealed when not in use. Shelf life one year. Protect from extreme heat or cold.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.						

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only