

# 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 2 Flammability-0; Reactivity-0; Special-			<b>HMIS Rating:</b> Health 2; Flammability-0; Reactivity-0; Personal Protection-B			
<b>DOT Hazard Classification:</b> Non Hazardous						
<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 3512Zn</b></p>			
Date Prepared: 2005-07-05		Prepared By: STH		MSDS Number: WC3512 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 **
Zinc sulfate monohydrate		7733-02-0	no	NE	NE	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C		Specific Gravity (H <sub>2</sub> O=1): 1.01				
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A		Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D				
Vapor Density (Air = 1): .62		Evaporation Rate (water = 1): 1				
Solubility in Water: Miscible		Water Reactive: No				
Appearance and Odor: Clear, pale yellow liquid with slight odor						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature N/A		Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A		
FLASH POINT AND METHOD USED (non-aerosols): Non-combustible			EXTINGUISHER MEDIA: Water or other as appropriate for surrounding fire.			
SPECIAL FIRE FIGHTING PROCEDURES: None required.						
Unusual Fire & Explosion Hazards: Can react with aluminum to liberate hydrogen gas. If heated to decomposition may liberate oxides of sulfur, SO <sub>x</sub> , oxides of phosphorus, PO <sub>x</sub> .						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Bare metal surfaces, alkaline materials, sulfides, sulfites.			Conditions to Avoid: None known.			
Hazardous Decomposition Products: Oxides of sulfur.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b>						
Inhalation: Contact with mist or spray may be irritating to mucous membranes, throat and nose.						
Eye Contact: May cause severe irritation.			Skin Contact: May cause marked irritation or dermatitis.			
Ingestion: Acidity may irritate exposed tissues.						
CHRONIC EFFECTS: None reported or expected.						
Medical Conditions Generally Aggravated by Exposure: May further aggravate pre-existing irritation.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Irrigate with water for 15 minutes. Get medical attention.						
Skin Contact: Remove contaminated clothing. Flush with water for 15 minutes. If irritation occurs, get medical attention..						
Inhalation: Remove to fresh air. If irritation persists or other respiratory symptoms develop, get medical attention.						
Ingestion: <b>DO NOT INDUCE VOMITING</b> Drink large quantity of water or milk. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): Generally, none required.						
Protective Gloves: Impervious			Eye Protection: Chemical goggles or face shield.			
Ventilation Requirements: Normal room ventilation is adequate.						
Other Protective Clothing & Equipment: Rubber boots and apron, if desired. Eyewash stations and safety showers.						
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Neutralize with soda ash. Collect in properly labeled, leak-proof containers.						
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original container. Keep container sealed when not in use. Shelf life one year. Protect from extreme heat or cold.						
Other Precautions &/or Special Hazards: <b>KEEP OUT OF REACH OF CHILDREN.</b> 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