

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						
NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special-COR			HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B			
DOT Hazard Classification: CORROSIVE LIQUID, N.O.S.,8						
FDA: This product is approved under the following FDA (21 CFR) sections: Unknown.						
Manufacturer's Name: AmSolv Manufacturing Company. Address: 1803 Howard Road Waxahachie, TX 75165			Identity (trade name as used on label): AmSolv AmGuard 121k			
Date Prepared: 2005-07-05		Prepared By: STH		MSDS Number: WB121k Revision - 1		
Information Calls: 1 (972) 938-1401 EMERGENCY RESPONSE NUMBER: 1 (972) 938-1410 (International)			NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA			
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 **
SODIUM HYDROXIDE		1310-73-2	No	2 mg/m ³	2 mg/m ³	D
SODIUM SULFITE		7757-83-7	No	N/E	N/E	D
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C		Specific Gravity (H ₂ O=1): 1.14				
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A		Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D				
Vapor Density (Air = 1): N/D		Evaporation Rate (water = 1): 1.0				
Solubility in Water: Miscible		Water Reactive: No				
Appearance and Odor: Clear, colorless, non-viscous liquid with slight amine 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): None			EXTINGUISHER MEDIA: Non-combustible. Use media compatible with surrounding fire.			
SPECIAL FIRE FIGHTING PROCEDURES: None						
Unusual Fire & Explosion Hazards: Can react with aluminum to liberate hydrogen gas. If heated to decomposition may liberate oxides of sulfur, SO _x , oxides of phosphorus, PO _x .						
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): Acids, aluminum surfaces.			Conditions to Avoid: None known.			
Hazardous Decomposition Products: Oxides of sulfur, oxides of phosphorus, SO _x , PO _x .						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS: Corrosive action on all body tissues.						
Inhalation: Inhalation of spray or mist is highly irritating to respiratory tract and mucous membranes. Prolonged contact may result in tissue damage and/or destruction.						
Eye Contact: Highly irritating. May result in tissue damage and/or destruction.			Skin Contact: Highly irritating. Prolonged contact may result in tissue damage and/or destruction.			
Ingestion: Highly irritating. Prolonged contact may result in tissue damage and/or destruction.						
CHRONIC EFFECTS: Repeated tissue damage may result in accumulation of scar tissue.						
Medical Conditions Generally Aggravated by Exposure: Any irritated tissue present may be further irritated by exposure.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. Get medical attention.						
Skin Contact: Wash off & rinse thoroughly with water. If irritation symptoms develop, get immediate medical attention.						
Inhalation: Remove to fresh air. If irritation persists or other respiratory symptoms develop, get immediate medical attention.						
Ingestion: DO NOT INDUCE VOMITING. Drink solution of vinegar and water followed by clear water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None required.						
Protective Gloves: Rubber.			Eye Protection: Chemical goggles or face shield.			
Ventilation Requirements: Normal ventilation is adequate.						
Other Protective Clothing & Equipment: Rubber boots and apron if desired. Eyewash stations and safety showers.						
Hygienic Work Practices: Do not eat or drink in work areas. Wash hands before using restroom facilities .						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Do not drain into sewers or surface waters. Soak up in absorbent material & seal in properly labeled non-leaking containers for proper authorized hazardous waste disposal.						
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original shipping container. Keep container sealed when not in use. Protect from freezing.						
Other Precautions &/or Special Hazards: 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