

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE						Peri Pro Fixer Code 2				
MATERIAL IDENTIFIER		Peri Pro Fixer		Code 2						
Distributed By: AIR TECHNIQUES, INC										
1295 WALT WHITMAN RD										
MELVILLE, NY 11747 (516)433-7676										
CHEMTREC (800) 424-9300										
SECTION 2 - HAZARDOUS INGREDIENTS										
	%	UN, NA, OR CAS NUMBER	OSHA PEL	OSHA TLV	LD ₅₀ OF MATERIAL mg/kg (SPECIFY SPECIES/ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECIES)				
Water	60-100	7732-18-5	---	---	---	---				
Ammonium Thioisulfate	1-5	7783-18-8	N/A	N/A	Oral/Rat 2890	N/A				
Sodium Sulfite	1-5	7757-83-7	N/A	N/A	IVM/Rat 115	N/A				
Sodium Acetate	1-5	127-09-3	N/A	N/A	N/A	N/A				
N/A = Not Available										
SECTION 3 - PHYSICAL DATA		PHYSICAL STATE		GAS [] LIQUID [X] SOLID []						
ODOR AND APPEARANCE		Vinegar Odor, clear colorless liquid		ODOR THRESHOLD (PPM)		N/A		SPECIFIC GRAVITY 1.1		
VAPOR PRESSURE		N/A		VAPOR DENSITY		N/A		EVAPORATION RATE		N/A
BOILING POINT (°C)		> 100		FREEZING POINT (°C)		0				
% VOLATILE (By Volume)		60-90		SOLUBILITY IN WATER		Complete		pH		4.5 - 5.0
COEFF. WATER/OIL DIST		N/A								
SECTION 4 - FIRE AND EXPLOSION DATA		FLAMMABILITY		YES [] NO [X]		IF YES, UNDER WHICH CONDITION				
MEANS OF EXTINCTION		Any applicable to the primary cause of fire.		SPECIAL PROCEDURES		Firefighters should wear self-contained breathing apparatus. Excessive heat may cause the production of hazardous decomposition products.				
FLASH POINT (°C) METHOD USED		N/A		UPPER EXPLOSION LIMIT (X BY VOLUME)		N/A		LOWER EXPLOSION LIMIT (X BY VOLUME)		
AUTOIGNITION TEMPERATURE (°C)		N/A		TDG FLAMMABILITY CLASSIFICATION		N/A		HAZARDOUS COMBUSTION PRODUCTS		
EXPLOSION SENSITIVITY TO IMPACT DATA		N/A		RATE OF BURNING		N/A		EXPLOSIVE POWER		
SENSITIVITY TO STATIC DISCHARGE		N/A								
SECTION 5 - REACTIVITY DATA		CHEMICAL STABILITY		YES [X] NO []		IF NO, UNDER WHICH CONDITIONS				
INCOMPATIBILITY WITH OTHER SUBSTANCES		YES [X] NO []		IF YES, WHICH ONES		Strong Alkalies or Acids				
REACTIVITY, AND UNDER WHAT CONDITIONS		Will neutralize strong alkalies and release some heat.								
HAZARDOUS DECOMPOSITION PRODUCTS		Sulfur Dioxide (acids) and ammonia (alkalis).								
SECTION 6 - TOXICOLOGICAL PROPERTIES										
ROUTE OF ENTRY SKIN CONTACT [X] SKIN ABSORPTION [X] EYE CONTACT [X] INHALATION ACUTE [X] INHALATION CHRONIC [X] INGESTION [X]										
EFFECTS OF ACUTE EXPOSURE TO MATERIAL										
EYE - Irritation or burning may occur. High concentrations of acetic acid vapors can cause excess blinking, tearing, and eye discomfort.										
SKIN - Irritation and burning possible.										
INGESTION - Acetic Acid can cause burning to mouth, throat, and esophagus. Nausea, vomiting, abdominal pain, shock state collapse are possible. Sodium Sulfite may cause circulatory disturbances and central nervous system damage.										
INHALATION - If heated ammonia vapors will irritate the throat.										
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL None										
SENSITIZATION PROPERTY		N/A		CARCINOGENICITY		None		REPRODUCTIVE EFFECTS		None
SYNERGISTIC EFFECTS		None		IRRITANCY		Eye and skin possible				
SECTION 7 - PREVENTIVE MEASURES										
GLOVES		Nitrile Rubber or Plastic		RESPIRATOR		Use NIOSH approved cartridge respirator in poorly ventilated areas.		EYE		Eye wash station and chemical splash goggles.
FOOTWEAR		N/A		CLOTHING		Cover skin		OTHER		N/A
ENGINEERING CONTROLS Recommended ventilation - 10 room volumes per hour										
LEAK AND SPILL PROCEDURE Neutralize with sodium bicarbonate, dike the spill and soak up with absorbent material. Put into plastic container for legal disposal.										
WASTE DISPOSAL Disposal must conform to Federal and Local Regulations. Consult local sewer authority.										
HANDLING PROCEDURES AND EQUIPMENT Store and handle in a tightly capped container. Wear protective gloves, clothes, and goggles. Keep work space uncluttered. Avoid contact with eyes and skin.										
STORAGE REQUIREMENTS Do not store near food, drink, or tobacco products. Store in a well ventilated area. Store between 10 - 25 °C. Do not allow to freeze.										
SPECIAL SHIPPING INFORMATION Ship above 4.4 °C. Protect from puncturing by handling or other equipment.										
SECTION 8 - FIRST AID MEASURES										
EYES - Flush with water for at least 15 minutes. Get medical attention.										
SKIN - Remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothes before re-use.										
INHALATION - Remove to fresh air. If breathing becomes difficult, give oxygen. Get medical attention.										
INGESTION - If conscious, give large amounts of water. Do not induce vomiting. If not conscious, give artificial respiration. Obtain prompt medical attention.										
SECTION 9 - PREPARATION OF MSDS										
Form Preparation Controlled by FILM PROCESSOR DEPARTMENT						TELEPHONE NO.		(516) 433-7676		DATE
										10-4-13

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