



SECTION 1 JCT IDENTIFICATION AND USE

MATERIAL IDENTIFIER Peri-Pro Fixer Code 6
 MANUFACTURER'S NAME AIR TECHNIQUES, INC.
 STREET ADDRESS 70 Caniague Rock Road
 CITY Hicksville STATE NY
 Postal Code 11801 Telephone No. (516) 433-7676
 Primary Emergency Contact CHEMTREC (800) 424-9300
 SUPPLIER'S NAME: AIR TECHNIQUES, INC.
 (In Canada Only): SCH-CAN
 Div. of Lux & Zwingenberger, Ltd.
 STREET ADDRESS: 1440 Don Mills Road
 CITY Toronto STATE Ontario, CANADA
 Postal Code M3B 3P9 Telephone No. (416) 445-1600

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	UN, NA OR CAS NUMBER	OSHA PEL	ACGH TLV	LD ₅₀ of material mg/kg (specify species/route)	LC ₅₀ of material (specify species)
Water	80-85	7732-18-5	--	--	--	--
Ammonium Thiosulfate	10-15	7783-18-8	N/A	N/A	Oral/Rat 2890	
Sodium Bisulfite	1-5	7631-90-5	5mg/m ³	5mg/m ³	Oral/Rat 2000	
Sodium Acetate	1-5	127-09-3	N/A	N/A	Oral/Rat 3530	

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE GAS [] LIQUID [X] SOLID []
 ODOR AND APPEARANCE Vinegar odor, clear colorless liquid
 Vapor Pressure N/A
 Vapor Density N/A
 Volatile (by volume) 60-90
 Solubility in Water Complete
 Evaporation Rate N/A
 Boiling Point (°C) 100°
 Freezing Point (°C) 0°
 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 Conditions
 MEANS OF EXTINCTION Any Applicable to primary cause of fire
 SPECIAL PROCEDURES Fire Fighters should wear self-contained breathing apparatus. Excessive heat may cause production of hazardous decomposition products.

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 alkalis
 REACTIVITY, AND UNDER WHAT CONDITIONS Will neutralize strong alkali and release some heat.
 HAZARDOUS DECOMPOSITION PRODUCTS Sulfur dioxide and ammonia

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 and burning may occur. High concentrations of acetic acid vapors can cause excess blinking, tearing, and eye discomfort.
 SKIN - Skin irritation and burning possible.
 INGESTION - Acetic acid can cause burning to mouth, throat, and esophagus, nausea, vomiting, abdominal pain, shock state, collapse. Sodium sulfite may cause circulatory disturbances and central nervous system damage.
 INHALATION - If heated, ammonia vapors will irritate the throat.

SECTION 7 - PREVENTIVE MEASURES

GLOVES Nitrile rubber or plastic
 RESPIRATOR Use NIOSH approved cartridge respirator in poorly ventilated areas
 FOOTWEAR N/A
 CLOTHING Cover Skin
 OTHER N/A
 ENGINEERING CONTROLS Ventilation 10 room volumes per hour
 LEAK AND SPILL PROCEDURE Neutralize with sodium bicarbonate, dilute the spill, and soak up with absorbent material. Place in plastic container for legal disposal.
 WASTE DISPOSAL Disposal must conform to Federal and Local regulations. Request permission of local sewer authority.

SECTION 8 - FIRST AID MEASURES

EYES - Flush with water spray for 15 minutes.
 SKIN - Remove contaminated clothing and wash skin thoroughly. Wash clothing.
 INHALATION - Remove to fresh air. If breathing is difficult, give oxygen.
 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 DATE OF MSDS

Preparation Date: 3/1/99
 Prepared by: Film Processor Department
 PH. NO. (516) 433-7676

Sensitization Property	Carcinogenicity	Reproductive Effects	Synergistic Materials	Irritancy
N/A	None	None	N/A	Eye & Skin possible

Effects of Chronic Exposure to Material	None
None	

Flashpoint (°C) and Method	N/A	Upper Explosion Limit (% By Volume)	N/A	Lower Explosion Limit (% By Volume)	N/A
Autoignition Temperature (°C)	N/A	TDG Flammability Classification	N/A	Hazardous Combustion Products	N/A
Explosion Sensitivity To Impact Data	N/A	Rate of Burning	N/A	Explosive Power	N/A
Explosion Sensitivity To Static Discharge	N/A	Sensitivity To Static Discharge	N/A		N/A