



## AIR TECHNIQUES

11403 Cronridge Drive  
Owings Mills, Maryland  
21117-2247

*Design and Manufacture of  
Custom and Standard Test  
Equipment for HEPA Filters,  
Respiratory Protection and  
NBC Defense*

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### ATI PSL-178 MSDS

#### **Section I – Chemical Product and Company Information**

Product Name: ATI PSL-178  
Preparation Date: 3/02/01

Air Techniques International  
Revision Date: 7/11/2002

Address: 11403 Cronridge Drive  
Owings Mills, MD 21117-2247  
Telephone: (410) 363-9696

Emergency Telephone Number: Chemtrec 1-800-424-9300

#### **Section II - Hazardous Ingredients/Identity Information**

None

#### **Section III Physical/Chemical Characteristics**

Boiling Point: 212°F  
Specific Gravity: 1.00 @ 60°F  
Vapor Pressure @ 20°C: 17.5 mm Hg  
Vapor Density: 0.624 @ 80°F  
Solubility in Water: Miscible  
Appearance and Odor: Milky Emulsion, Slight Odor  
Freezing Point: 32°F  
pH @ 5%: 6 - 7

#### **Section IV Fire & Explosion Data**

Flash Point: None  
Method Used: N/A

Flammable Limits in air % by volume: N/A  
Auto-Ignition Temp;  
UEL: N/A  
LEL: N/A

Extinguisher Media: Carbon dioxide, Dry chemical, Foam, Water spray

Special Firefighting Procedures: Isolate fire area and deny unnecessary entry. Use water spray, dry chemical, foam or carbon dioxide.

Unusual Fire and Explosion Hazards: Product will not burn until water has evaporated. Residue can burn. Perform only those firefighting procedures for which you have been trained. Firefighters should wear self-contained breathing apparatus in the positive pressure mode with a full-face piece where there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

National Fire Protection Association (NFPA): Health 1 Flammability 0 Reactivity 0  
Other n/a

### **Section V Physical Hazards (Reactivity Data)**

Stability:     Stable **X**     Unstable

Conditions to Avoid: Contact with heat, sparks, flame and all sources of ignition.

Incompatibility: None Known.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, hydrocarbons, oxides of nitrogen and dense smoke.

Hazardous Polymerization: May occur     Will not occur **X**

### **Section VI Health Hazards**

Signs and Symptoms of Exposure

Eyes: May cause slight transient (temporary) eye irritation.

Skin Absorption: No acute effects known.

Skin Contact: May cause skin irritation.

Inhalation: This material is not considered to be hazardous under normal conditions of use. Exposure to mist or spray may cause irritation of respiratory passages.

Ingestion: May cause gastric disturbances.

Oral LD 50 > 2,000 mg/kg (Rat)

Chronic Effects: None known.

## Emergency and First Aid Procedures

**Eyes:** Flush with large amounts of cold water for at least 15 minutes. Do not let victim rub eyes. If irritation develops, contact a physician immediately.

**Skin:** Wash affected area with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, seek medical attention.

**Inhalation:** If inhaled, move to fresh air. If victim has stopped breathing give artificial respiration, preferably, mouth to mouth. Contact a physician immediately.

**Ingestion:** If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Seek immediate medical attention.

## **Section VII Special Precautions / Spill & Leak Procedures**

**Handling:** No special precautions necessary. Avoid container damage while handling.

**Storage:** Store in closed containers in a cool, dry well ventilated area. Maintain closure of bungs. Store at temperatures between 40°F and 110°F. May coagulate if frozen at 32°F. Do not reuse container. Avoid container damage while storing. Product may develop bacteria odor during long-term storage. No safety problems known.

**Spill & Leak Response:** Do not allow spilled material to enter sewers or streams. Add dry material to absorb (if large spill, dike to contain). Using recommended protective equipment, pick up bulk of spill and containerize for recovery or disposal. Flush area with water to remove residues.

**Waste Disposal:** All recovered material should be packaged, labeled, transported and disposed or reclaimed in conformance with Good Engineering Practices. Comply with all applicable governmental regulations. Avoid land filling of liquids. Reclaim where possible.

## **Section VIII Special Protection Information**

**Respiratory Protection:** Not applicable with adequate ventilation. Local exhaust ventilation may be necessary for some applications.

**Protective Gloves:** Wear rubber gloves.

**Eye Protection:** Safety glasses with side shields or chemical goggles. Do not wear contact lenses.

Other Protective Wear: Wear impervious, protective clothing including rubber safety shoes to avoid skin contact.

Work Practices: Read label for instructions in use of product.

### **Section IX Other Hazard Information**

None

### **Section X Additional Regulatory Information**

OSHA (Occupational Safety, and Health Administration)  
29 CFR 1910.1200 Hazardous Chemical: no

SARA (Superfund Amendment and Reauthorization Act)

Section 311: Hazardous Chemical - no

Immediate - no

Delayed - no

Fire - no

Sudden Release - no

Reactive - no

Section 313: Toxic Chemical - no

TSCA (Toxic Substance Control Act)

All of the ingredients in this product are listed on the TSCA Inventory.

California Proposition 65

This product contains no listed substances known to the State of California to cause cancer, birth defects, or other reproductive harm, at levels, which would require a warning under the statute.

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