



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*

Phone 410 . 363 . 9696
Fax 410 . 363 . 9695

ATI PSL-540 MSDS

Section I – Chemical Product and Company Information

Product Name: ATI PSL-540
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%: 7 - 8

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 > 15,800 mg/kg (RAT) for similar products

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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