



ATI PAO-4 Safety Data Sheet

Section 1 – Chemical Product and Company Information

Product Name: ATI PAO-4
Product Use: Filter Testing

Preparation Date: 11/21/00

Air Techniques International
Address: 11403 Cronridge Drive
Owings Mills, MD 21117-2247

Revision Date: 02/17/12

Telephone: (410) 363-9696

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

Section 2 – Hazards Identification

None

Potential Health Effects: None

Inhalation: May cause respiratory irritation

Ingestion: Considered to be non-toxic by animal tests. But, material may enter lungs if swallowed or if subsequently vomited. Once in the lungs, it is very difficult to remove and can cause severe injury or death

Skin Contact: Prolonged exposure or repeated contact can defat the skin and lead to irritation and/or dermatitis

Eye Contact: Not classified as an eye irritant.

Chronic Effects: None known.

Section 3 – Composition Information

Substance	CAS#	% by Weight	Symbol	R-Phrase
1-Decene, tetramer mixed with 1-decene	68649-12-7	100%	None	None

WHMIS Class: This product is not a WHMIS controlled substance

Occupational Exposure Guidelines are found in Section 8

Section 4 – First Aid Measures

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.

Inhalation: If inhaled, move to fresh air. If breathing is difficult, administer artificial respiration preferably mouth to mouth. Contact a physician immediately.

Ingestion: Do not induce vomiting. If victim is conscious and able to swallow, promptly have victim drink water to dilute. Do not give sodium bicarbonate, fruit juices or vinegar. Never give anything by mouth if victim is unconscious or having convulsions. Contact a physician immediately.

Section 5 – Fire Fighting Measures

Flash Point: 222°C (432°F)

Method Used: Cleveland Open Cup

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

Special Firefighting Procedures: Use water spray, dry chemical, foam or carbon dioxide. Water may be ineffective but should be used to keep fire exposed containers cool. If a spill or a leak has not ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire.

Unusual Fire and Explosion Hazards: 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.

HMIS Rating: Health 1 Flammability 1 Reactivity 0

NFPA Rating: Health 1 Flammability 1 Reactivity 0

Section 6 – Accidental Release Measures

Spill & Leak Response: Do not allow spilled material to enter sewers or streams. If material is released, indicate that there is a risk of slipping in the area. Using recommended protective equipment, contain and recover liquid if possible. 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.

Section 7 – Handling and Storage

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

Work Practices: Use only in well ventilated areas. Keep containers tightly closed and keep away from heat and open flames.

Storage: Store in closed containers in a cool, dry well ventilated area. Maintain closure of bungs. Store at temperatures between 4°C (40°F) and 49°C (120°F). Do not reuse container. Avoid container damage while storing.

Empty Container Warning: Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, bronze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death. Do not attempt to refill containers since residue is difficult to remove. Empty drums should be completely drained, properly bunged and returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner in accordance with governmental regulations.

Section 8 – Exposure Controls/ Personal Protection

Exposure guidelines:

Respiratory Protection: General room ventilation should be satisfactory.

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 9 - Physical/Chemical Characteristics

Appearance and Odor:	Colorless, Odorless Liquid
Boiling Point:	401°C (754°F)
Flash Point:	222°C (432°F)
Method Used:	Cleveland Open Cup
Flammable Limits in air % by volume:	N/A
	1800101 G

Persistence and Degradability: Biodegradability of this material is greater than or equal to 20%. This material is inherently biodegradable.

Section 13 – Disposal Considerations

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 14 – Transport Information

RID/ADR: Not regulated by RID/ADR

IMO: Not regulated by IMO

IATA: Not regulated by IATA

USA DOT: Not designated as a hazardous material by the USA DOT

Section 15 – Regulatory Information

Symbol: None

Risk Phrases: None

Safety Phrases: None

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.

DSL (Domestic Substances List)

All of the ingredients in this product are listed on the Canadian DSL.

Section 16 – Other Information

None

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