

Date Issued: **November 20, 2008**Supersedes Date: **November 16, 2001**

MATERIAL SAFETY DATA SHEET

IDENTIFICATION AND EMERGENCY INFORMATION				
Product Name		Charcoal Filter Bottles		
Product Code (Catalog Number)		ATP1-CF		
Product Category (Chemical Name)		Activated Carbon series GF-6		
Product Appearance and Odor		Black granular or powder, no odor.		
Emergency Notification		Chem-Tel 1-800-255-3924		
COMPONENTS AND HAZARD INFORMATION				
Component	CAS No.	%	OSHA TWA	OSHA STEL
Activated Carbon	7440-44-0		NA	NA
PHYSICAL DATA				
THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUES AND SHOULD NOT BE USED FOR PRECISE DESIGN PURPOSES.				
Boiling Range NA	Specific Gravity 1.8-2.1	Molecular Weight NL	Viscosity NA	
Percent Volatile by Volume NA	Vapor Pressure @20 C degrees NA	Vapor Density (Air = 1) NA	Pour, Congealing or Melting Point NA	
Solubility in Water @1 ATM and 25°C (77°F) NA		Evaporation Rate @1 ATM and 25°C (77°F) (n-Butyl Acetate =1) NA		pH 5-10
FIRE AND EXPLOSION HAZARD INFORMATION				
Flash Point (Minimum) NA	Autoignition Temperature 350°C	Test Mode NL	LEL NL	UEL NL
Handling Precautions None, as long as the bottle is in tact. Dust from broken cartridges may cause the following: Eye irritation, minor irritation to respiratory system. (ACGIH, OSHA and other TLV are not applicable for this product)				
Flammable or Explosive Limits (Approximate Percent by Volume in Air) Stable under normal handling and storage conditions.				

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

<p>Extinguishing Media Flood with plenty of water or inert gas such as N₂ and CO₂ or foam/dry chemical.</p>
<p>Fire Fighting Procedures Respiratory protection is essential. Over heating can produce semi-liquid melt. Molten material can also contribute to spread of fire.</p>
<p>Decomposition Products Under Fire Condition Contact with strong oxidizers may cause rapid combustion. Possible fire combustion products: Alkybenzenes, vinylbenzenes, naphthalene, benzaldehydes, phenol, carbon dioxide, water, organic amines, ammonia, chlorine, nitrogen oxide, methyl chloride and minor amounts of hydrogen cyanide, or aldehydes.</p>
<p>“Empty” Container Warning NE</p>
<p>Unusual Fire and Explosion Hazards Warning: Strong oxidizing agents such as nitric acid or ozone may, under certain conditions, degrade the contents of the cartridge up to a explosive reaction.</p>
<p>HEALTH AND HAZARD INFORMATION</p>
<p>Variability Among Individuals NE</p>
<p>Signs and symptoms of overexposure Slight irritation of eyes and nose may result from contact.</p>
<p>Effects of Overexposure NA</p>
<p>Nature of Hazard and Toxicity Information NNR</p>
<p>Pre-existing Medical Conditions which may be Aggravated by Exposure NA</p>
<p>Threshold Limit Value NE</p>
<p>Health Hazards Eye: May cause severe eye irritation. May cause moderate corneal injury. Effects are likely to heal. Skin: Prolonged or repeated exposure not likely to cause significant skin irritation. May cause more severe response if skin is abraded. Ingestion: vapors are unlikely due to physical properties.</p>
<p>PRIMARY ROUTES OF ENTRY AND EMERGENCY AND FIRST AID PROCEDURES</p>
<p>Eye Contact Flush with plenty of water for as least 15 minutes.</p>
<p>Skin Wash off with soap and water.</p>

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Inhalation No adverse effects anticipated by this route of exposure.		
Ingestion No adverse effects anticipated by this route of exposure.		
Note to physician: No specific antidote. Supportive care. Treatment based on physician's judgement in response to reaction of the patient.		
SEEK MEDICAL TREATMENT IF DISCOMFORT PERSISTS.		
REACTIVITY		
Stability Stable under normal conditions	Incompatibility Strong oxidizing agents such as nitric acid, ketone or ozone.	Hazardous Decomposition Products CO
Conditions to Avoid Generation of dust during and fines during handling of a broken bottle.	Hazardous Polymerization Will not occur	Materials to Avoid See incompatibility statement
ENVIRONMENTAL INFORMATION		
Steps to be Taken in Case Material is Released or Spilled Wear protective breathing filter and sweep up. Discard into protected refuse container.		
Disposal Dispose or reactivate in accordance with local, state and federal regulations.		
Protective Gear Rubber gloves, Protective clothing, Safety glasses, If dust from a cartridge is present use a NIOSH approved particulate filter. Good general ventilation.		
Precautions to be taken in handling and storage Avoid breaking open the bottle as dust may occur. Avoid possible sources of ignition.		
THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES.		
Reportable Quantity (RQ), EPA Regulation 40 CFR 302 (CERCLA Section 102) NL		
Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-304) NL		
Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (SARA Section 313) NL		
Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312) NL		
PROTECTION AND PRECAUTIONS		
Ventilation Good general ventilation.		

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Respiratory Protection No respiratory protection should be required.
Protective Gloves Not needed with normal use.
Eye Protection Optional
Other Protective Equipment Safety shower and eye bath.
TRANSPORTATION AND OSHA RELATED LABEL INFORMATION
Transportation Incident Information Notify EPA.
U.S. DOT Hazardous Materials Shipping Description NL
OSHA Required Label Information NL

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