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## Material Safety Data Sheet

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This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: K-00339001 / Primary Filter Replacement Cartridge, Extended Length (14")  
DATE: October 05, 2010  
COMPANY: 3M Purification Inc.,  
400 Research Parkway, Meriden, CT 06450

Product specific use:

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)  
for non-emergency information, call (203)-238-8965

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% by Wt.
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### 3. HAZARDS IDENTIFICATION

Odor, Color, Grade: Refer to Section 9.  
General Physical Form: Solid

Immediate health, physical, and environmental hazards: This product, when used under reasonable conditions and in accordance with the 3M Purification directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance

with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

#### POTENTIAL HEALTH EFFECTS

EYE CONTACT: No health effects are expected.

SKIN CONTACT: No health effects are expected.

INHALATION: No health effects are expected.

INGESTION: No health effects are expected.

#### POTENTIAL ENVIRONMENTAL EFFECTS

### **4. FIRST AID MEASURES**

EYES CONTACT: No need for first aid is anticipated.

SKIN CONTACT: No need for first aid is anticipated.

INHALATION: No need for first aid is anticipated.

IF SWALLOWED: No need for first aid is anticipated.

### **5. FIRE FIGHTING MEASURES**

FLASH POINT: N/A

EXTINGUISHING MEDIA: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual fire or explosion hazards are anticipated.

FIRE FIGHTING EQUIPMENT: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

### **6. ACCIDENTAL RELEASE MEASURES**

ACCIDENTAL RELEASE MEASURES: Not applicable.

### **7. HANDLING AND STORAGE**

HANDLING: Keep out of the reach of children. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use

conditions. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.

**STORAGE:** Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EYE PROTECTION:** Not applicable.

**SKIN PROTECTION:** Not applicable.

**RESPIRATORY PROTECTION:** Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

**PREVENTION OF SWALLOWING:** Not applicable.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Odor, Color, Grade:</b>	Appearance and Odor: Filter cartridges are cylindrical, white and solid. Filter housings are also white and constructed with high impact plastic. These products are odorless.
<b>General Physical Form:</b>	Solid
<b>Maximum Operating Pressure Rating</b>	125 psi
<b>Minimum Operating Pressure</b>	30 psi
<b>Minimum Operating Temperature</b>	33 degrees Fahrenheit
<b>Maximum Operating Temperature</b>	100 degrees Fahrenheit
<b>Cartridge Performance:</b>	
<b>Service Flow Rate</b>	1.5GPM
<b>NSF Standard 42 Particulate Reduction</b>	Class II, refer to PDS sheet provided by 3M Purification
<b>Taste and Odor Reduction</b>	1mu nominal
<b>NSF Standard 42 Chlorine Reduction</b>	20000 gallon capacity at 0.75GPM, refer to PDS sheet provided by 3M Purification
<b>Scale Reduction</b>	40 Grams Silphos

## 10. STABILITY AND REACTIVITY

**STABILITY:**

**MATERIALS TO AVOID:**

**HAZARDOUS DECOMPOSITION PRODUCTS:**

HAZARDOUS POLYMERIZATION: Will not occur.

#### HAZARDOUS DECOMPOSITION OR BY-PRODUCTS

Substance

Condition

HAZARDOUS DECOMPOSITION: Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

### 11. TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

#### ECOTOXICOLOGICAL INFORMATION

Not applicable.

#### CHEMICAL FATE INFORMATION

Not applicable.

### 12. ECOLOGICAL INFORMATION

#### ECOTOXICOLOGICAL INFORMATION

Not determined.

#### CHEMICAL FATE INFORMATION

Not determined.

### 13. DISPOSAL CONSIDERATIONS

Dispose of waste product in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility in the presence of a combustible material. **WARNING:** To reduce the risks associated with improper disposal and/or handling of contaminants in used filters: Take appropriate steps to access the disposal required for any altered product or materials added to the product. (Alteration of the product or addition of other materials to the product may require different disposal methods.)

#### 14. TRANSPORTATION INFORMATION

**Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.**

#### 15. REGULATORY INFORMATION

Chemical Inventories:

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements. Contact 3M Purification for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No  
Delayed Hazard - No

US FEDERAL REGULATIONS

Contact 3M Purification for more information.

STATE REGULATIONS

Contact 3M Purification for more information.

INTERNATIONAL REGULATIONS

Contact 3M Purification for more information.

#### 16. OTHER INFORMATION

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