

MSDS

Material Safety Data Sheet
December 20, 2007

Section 01: Chemical Product Identification

Domestic Trade Name: FilteRx 6100™

Export Trade Name: FilteRx 6100™

Section 02: Information on Hazardous Ingredients

Corrosive liquid, Acidic, Inorganic, N.O.S.

DOT Hazardous Classification: 8 (corrosive)

PWT Product Name: FilteRx 6100™

Non Hazardous Regulated Ingredients:

Cationic polymer and inorganic salt

Section 03: Hazards Identification:

- Inhalation:* Exposure to spray will cause irritation to mucous membranes and respiratory tract.
Eye Contact: Exposure to vapors or mist may cause irritation or burns.
Skin Contact: Causes severe irritation
Ingestion: Ingestion may cause irritation to the gastrointestinal tract.
Chronic: No chronic health effects have been reported for prolonged or repeated exposure to this product.

Section 04: First Aid Measures

- Inhalation:* If inhaled, immediately move to fresh air. Seek medical attention. If not breathing give artificial respiration. If breathing is difficult administer oxygen.
Eye Contact: Immediately Flush Eyes with Plenty of Water For At Least 30 Minutes. Seek medical attention.
Skin Contact: In case of contact flush exposed area with water for 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention.
Ingestion: If swallowed give plenty of water to drink. Seek medical attention. Do not induce vomiting. Never give anything to an unconscious person.

Section 05: Fire Fighting Measures

Auto Ignition Temp: N/A

Flammable Limits: LEL (Lower Explosive Limits) N/A

Fire Fighting Media: Use water, CO₂, foam, or dry chemicals.

Special Fire Fighting Procedures: Fire fighter should wear full protective equipment, including self-contained breathing apparatus.

Fire/Explosion Hazards: None Known.

NFPA Hazard Codes - Health/Flammability/Reactivity; 2,0,1.

HMIS Hazard Codes - Health/Flammability/Reactivity; 2,0,1.

Section 06: Accidental Release Measures

- Land Spill:* Wearing recommended protective clothing and equipment, dike spill with soil, sand, or compatible commercial absorbent. Remove remaining liquid with a pump, vacuum truck, or absorb liquid in sand or commercial absorbent. Place waste in approved containers for disposal. Dispose waste according to Federal, State, and local regulations. Flush spill with water.

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Water Spill: Wear protective clothing and equipment. Stop or divert water flow. Dike contaminated water and remove for disposal and/or treatment. Notify proper authorities and all downstream users if possible.

Section 07: Handling and Storage

Store in a cool dry place away from incompatible material. Do not store in direct sunlight. Store above freezing point. Avoid breathing vapors or mist. Use only in well ventilated areas. Wear recommended protective equipment.

Section 08: Exposure Control/Personal Protection

Ventilation: Use with adequate ventilation.

Respiratory Protection: For exposure above the OSHA-PEL or ACGIH-TLV or if use causes misting, wear a NIOSH-approved full face air purifying cartridge respirator with an acid/gas cartridge or supplied air.

Eye Protection: Wear chemical goggles.

Skin Protection: Use OSHA Approved Neoprene Gloves, Boots, and Apron.

Section 09: Physical and Chemical Properties

Boiling Point: 100o C.

Melting/Freezing Point: Approximately 0 °C.

Appearance: Orange brown liquid.

Density: Approximately 11 lbs./gallon

Specific Gravity: 1.2 – 1.4 g/ml

Percentage Volatile: NA

Evaporation Rate: Same as Water

pH of Solution: 1 - 2

Odor: None

Water Solubility: Complete

Section 10: Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid excess heat.

Incompatible Materials: Strong oxidizing or reducing agents.

Hazardous Decomposition Products: Not a fire or explosions hazard; however, in a fire situation, this product will emit toxic gases.

Section 11: Disposal Considerations

If this product becomes a waste, it meets the criteria of a hazardous waste as defined under 40 CFR 261 due to its corrosivity. If this product becomes waste, it will be a hazardous waste which is subject to the Land Disposal Restrictions under 40 CFR 268 and must be managed accordingly. As a hazardous liquid waste, it must be disposed of in accordance with local, state, and federal regulations in a permitted hazardous waste treatment, storage and disposal facility treatment. The toxicity characteristics (TC) have not been evaluated by the Toxicity Characteristics Leaching Procedure (TCLP).

Section 12: Toxicological Information

No toxicological information available for this material.



**PROFESSIONAL WATER
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High-Performance Reverse Osmosis Chemicals

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Section 13: Ecological Information

This material is water-soluble. The solution will lower the pH of water. No specific environmental or aquatic data found for this material.

Section 14: Transport Information

Domestic Data

DOT Shipping Name: FilteRx 6100™ (Corrosive liquid, Acidic, Inorganic, N.O.S.)

DOT Hazard Class: 8

PG II

UN Number: 3264

ERG 154

CERCLA: 2000 lbs. (165 gallons)

Marine Pollutant: No

Export Data

Export Shipping Name: FilteRx 6100™ (Corrosive liquid, Acidic, Inorganic, N.O.S.)

Export Hazard Class: 8

Hazardous Ingredients: Corrosive liquid, Acidic, Inorganic, N.O.S.

UN Number: 3264

PG II

ERG 154

CERCLA: 2000 lbs. (165 gallons)

Marine Pollutant: No

Section 15: Regulatory Information

US Federal Information

TSCA (Toxic Substances Control Act: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

CERCLA RQ (reportable quantity): 2000 lbs. (165 gallons)

SARA Section 302 & 303 (40 CFR 355): This product does not contain ingredients listed in Appendix A and B as an extremely hazardous substance.

SARA Section 311 & 312 Notification (40CFR 370): Fire: No, Sudden release of pressure: No, Reactive: No, Acute health: Yes, Chronic health: No

SARA Section 313 (40 CFR 372): This Product Does Not Contain Toxic Chemicals Subject to the Reporting Requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

State Regulations

California Proposition 65 Safe Drinking Water and Toxins Enforcement Act, 1968: This product does not contain materials known to the state of California to cause cancer.



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Canadian Regulations

Controlled product: Yes

WHMIS Hazard Symbols: Material causing other toxic effects, corrosive material

WHMIS Class & Division: D.2B, E

**For Chemical Emergency
Spill Leak Fire Exposure or Accident
Call CHEMTREC Day or Night
DOMESTIC NORTH AMERICA 800-424-9300
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)**

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