

# MATERIAL SAFETY DATA SHEET

perfectchoice®

## 2% NEUTRAL SODIUM FLUORIDE GEL

### SECTION I – Manufacturer

Biotrol  
13705 Shoreline Court East • Earth City, MO 63045  
1-800-822-8550

### SECTION II – Hazardous Ingredients/Identity

Hazardous Component(s) (chemical and common names)	CAS NO.	OSHA PEL	ACGIH TLV	% (optional)
Sodium fluoride	7681-49-4	2.5mg(F)/m <sup>3</sup>	2.5mg(F)/m <sup>3</sup>	2%
Sodium saccharin	128-44-9	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	

### SECTION III – Physical and Chemical Characteristics

**Generic Description:** 2% Neutral Sodium Fluoride Gel  
**Physical Form:** Aqueous gel containing 0.9% Fluoride ion (w/w)  
**Odor:** Characteristic of flavor  
**Solubility in Water:** Yes

### SECTION IV – Fire and Explosion Data

**Flash Point:** N/A  
**Extinguishing Media:** Water spray, CO<sub>2</sub>, dry chemical, foam.  
Water can be used to cool fire-exposed containers.  
**Special Fire Fighting Procedures:** No known hazards.  
**Unusual Fire and Explosion Hazards:** None known.

### SECTION V – Stability and Reactivity Data

**Stability:** Stable  
**Reactivity:** When dissolved in water, sodium fluoride forms a corrosive solution which may attack glass or aluminum.  
**Incompatibility (materials to avoid):** Acids, glass and aluminum  
**Hazardous Decomposition Products:** Thermal decomposition may release hazardous fumes of hydrogen fluoride and sodium oxides.  
**Hazardous Polymerization:** Will not occur

### SECTION VI – Health Hazard Data

**Eyes:** Direct contact causes irritation  
**Skin:** Prolonged contact causes irritation  
**Inhalation:** N/A  
**Ingestion:** Contains Sodium Fluoride, DO NOT SWALLOW  
**Chemical Listed as Carcinogen or Potential Carcinogen:**  
Sodium Saccharin – suspected carcinogen by excessive and continuing use.

Revision issued: 03/06 (Supercedes: 08/04)

### SECTION VII – Emergency and First Aid Procedures

**Eyes:** Flush well with water and consult a physician  
**Skin:** Flush well with water  
**Inhalation:** N/A  
**Ingestion:** If over normal dose is swallowed, DO NOT INDUCE VOMITING.  
Drink large quantities of water, milk or several ounces of milk of magnesia.  
Contact Poison Control Center.

### SECTION VIII – Special Precautions and Spill/Leak Procedures

**Handling:** No special precautions.  
**Storage:** Keep container closed and away from heat, sparks, and open flame.  
**Spill Management:** Wipe up with soap and water.  
**Waste Disposal Methods:** Use acceptable methods complying with local ordinances.

### SECTION IX – Special Protection Information/Control Measures

**Ventilation:** Not necessary.  
**Eye Protection:** Suggested if eye contact possible.  
**Protective Gloves:** Not necessary.  
**Respiratory Protection:** Not necessary.  
**Other Clothing and Equipment:** Not necessary.

#### \*\*\*IMPORTANT\*\*\*

While seller believes that the information contained herein is accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions. This information is not deemed a warranty or representation of any kind for which seller assumes legal responsibility.

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 **BIOTROL**

24-Hour Emergency No. (U.S.) 1-800-535-5053  
(Outside U.S.) 352-323-3500

Questions or Comments? 1-800-822-8550