

MATERIAL SAFETY DATA SHEET

perfectchoice®

ONE-MINUTE APF GEL

SECTION I – Distributor

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			<5%
Sodium saccharin	128-44-9			<1%
Phosphoric acid	7664-38-2	1 mg/m ³	1 mg/m ³	<2%
Hydrofluoric acid	7664-39-3			<1%

SECTION III – Physical and Chemical Characteristics

Appearance: Thick gel **pH:** 3.63
Odor: Characteristic of flavor **Specific gravity:** 1.03
Solubility in Water: Soluble

SECTION IV – Fire and Explosion Data

Unusual fire and explosion hazards: None known
Extinguishing Media: Water, chemical foam, carbon dioxide, dry chemical
Special Protection Equipment: Self-contained breathing apparatus if toxic fumes are generated.

SECTION V – Stability and Reactivity Data

Stability: Stable under normal conditions of storage, handling, and use
Conditions to avoid: High temperatures
Materials to avoid: Bases, metals, reducing agents
Hazardous Decomposition: Hydrogen gas from reaction with metals, phosphorous oxides and carbon oxides from thermal decomposition.
Hazardous Polymerization: Will not occur

SECTION VI – Health Hazard Data

Hazard Classification: Irritant
Eyes: Direct contact causes irritation. May cause pain, eye burns or eye damage.
Skin: Prolonged contact may cause irritation to individuals with pre-existing allergic reactions.
Ingestion: May cause nausea or irritate digestive tract.

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

SECTION VII – Emergency and First Aid Procedures

Skin: Immediately wash skin with plenty of water. If irritation occurs seek medical advice.
Ingestion: DO NOT INDUCE VOMITING. Give large quantity of water, milk or Milk of Magnesia. Contact Poison Control Center.
Eyes: Flush with plenty of water. Seek immediate medical attention by an Ophthalmologist.

SECTION VIII – Accidental Release Measures

Personal Precautions: Use acid resistant glove, safety goggles and face shield.
Environmental Precautions: Do not dispose in sewer system.
Spill Management: Absorb bulk of spilled material using standard absorbents (paper, sawdust, sand). Flush residual material with water. Dispose absorbed material as hazardous.

SECTION IX – Handling and Storage

Handling: Avoid unnecessary handling/exposure. Avoid contact with skin and eyes. Use appropriate personal protective equipment as specified in Section X
Storage: Avoid excessive cold or heat. Store at room temperature.
Containers: Keep in original containers supplied by manufacturer.
Incompatibilities: Avoid bases and reducers
Other Precautions: Use according to directions. Read and observe all labeled precautions.
Disposal Considerations: Neutralize with base. Collect in appropriate containers. Dispose of at an appropriate disposal facility in accordance with current applicable laws.

SECTION X – Special Protection Information/Control Measures

General Measures: Use with adequate ventilation.
Respiratory Protection: None required under normal use.
Protective Gloves: Protective chemical resistant gloves is recommended.
Eye Protection: Wear safety glasses and face shield (ANSI Z87.1) when eye and face contact is possible.
Skin Protection: Use appropriate clothing to protect from contacting skin.

*** 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.

 **BIOTROL**

24-Hour Emergency No. (U.S.) 1-800-535-5053

(Outside U.S.) 352-323-3500

Questions or Comments? 1-800-822-8550