



# M A T E R I A L   S A F E T Y   D A T A   S H E E T

24-Hour Emergency #: (U.S.) 1-800-535-5053 / (Outside U.S.) 352-323-3500

## **SECTION I: Product & Company Identification**

Product Name: perfectchoice<sup>®</sup> One-Minute APF Gel  
Catalog Numbers: APF203MM, APF205PS, APF206PB, APF208SD, APF209VO, APF204JG, APF210WW  
Distributed by: Biotrol  
13705 Shoreline Court East  
Earth City, MO 63045  
1.800.822.8550

## **SECTION II: Health Hazard Information**

Irritating to the eyes and skin. May cause nausea.

## **SECTION III: Hazardous Components**

Component	Concentration	CAS #	OSHA PEL	ACGIH TLV	STEL
Sodium Fluoride	<5%	7681-49-4	-	-	-
Sodium Saccharin	<1%	128-44-9	-	-	-
Phosphoric Acid	<2%	7664-38-2	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>
Hydrofluoric Acid	<1%	7664-39-3	-	-	-

## **SECTION IV: First Aid Procedures**

**Skin Contact:** Immediately wash skin with plenty of water. Seek medical attention if irritation occurs.

**Ingestion:** Do not induce vomiting. Give large quantities of water, milk, or milk of magnesia. Contact Poison Control Center.

**Eye Contact:** Flush with plenty of water. Seek immediate medical attention by an ophthalmologist.

## **SECTION V: Fire Fighting Measures**

<b>Suitable Extinguishing Media</b>	Water, chemical foam, carbon dioxide, dry chemical
<b>Special Exposure Hazards</b>	None known
<b>Unusual Fire and Explosion Hazards</b>	None known
<b>Special Protection</b>	Self-contained breathing apparatus if toxic fumes are generated

## **SECTION VI: Accidental Release Measures**

**In case of spill:** Use acid-resistant gloves, safety goggles, and a face shield. Absorb bulk of spilled material using standard absorbents (paper, sawdust, sand). Flush residual material with water. Dispose absorbed material as hazardous waste. Do not dispose in sewer system.

## **SECTION VII: Handling and Storage**

Avoid unnecessary handling and exposure. Avoid contact with skin and eyes. Use appropriate personal protective equipment as specified in the section below. Avoid excessive cold or heat. Store at room temperature. Keep in original containers supplied by the manufacturer. Use according to directions. Read and observe all labeled precautions. Avoid bases and reducers.

## **SECTION VIII: Personal Protection**

General Measures: Use with adequate ventilation

Respiratory Protection: None required under normal use

Hand Protection: Chemical-resistant gloves recommended

Eye Protection: When face and eye contact is possible, wear safety glasses and a face shield (ANSI Z87.1)

Skin Protection: Wear appropriate clothing to protect from skin contact

## **SECTION IX: Physical and Chemical Properties**

<b>Appearance</b>	Gel
<b>Odor</b>	Typical to flavor
<b>pH</b>	3.63
<b>Vapor Pressure</b>	NA
<b>Boiling Point</b>	ND
<b>Explosion Limits</b>	NA
<b>Flash Point</b>	None – does not support combustion
<b>Water solubility</b>	Soluble
<b>Specific Gravity</b>	1.03
<b>Evaporation Rate</b>	ND

## **SECTION X: Stability and Reactivity**

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

## **SECTION XI: Toxicological Information**

**Ingestion:** May irritate digestive tract

**Eye Contact:** May cause irritation, pain, eye burns, or eye damage

**Skin Contact:** May cause irritation or rash for persons with preexisting skin sensitivity

**Inhalation:** No harmful effects at room temperature

## **SECTION XII: Ecological Information**

Avoid releasing product into the environment. Do not allow to drain into sewer system.

### **SECTION XIII: Disposal Considerations**

Neutralize with base. Collect in appropriate containers. Dispose of at an appropriate disposal facility in accordance with current applicable laws.

### **SECTION XIV: Transport Information**

Sea/Ground/Air Transportation: Non-hazardous

### **SECTION XV: Regulatory Information**

Hazard Classification Symbols:	Xn
	R22: Harmful if swallowed
	R36/38: Irritating to eyes and skin
	S36: Wear protective clothing

### **SECTION XVI: Other Information**

Product for professional use only.

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The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Biotrol makes no recommendation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for particular purpose.

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~Verified on 2015-01 by Henry Schein to be the most current version of the SDS. To be verified again on 2018-01. ~