

MATERIAL SAFETY DATA SHEET

Perfect Choice® AIR POLISHING POWDER

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 Bicarbonate | 144-55-8 | | | > 95% |
| Flavor Blend – contains sodium saccharin | 128-44-9 | | | 1% ≤ 0.5% |

SECTION III – Physical and Chemical Characteristics

Appearance: White crystalline powder

Odor: Spearmint

Solubility in Water: 8.6 g/100 mL @ 68°F

SECTION IV – Fire and Explosion Data

Special Fire Fighting Procedures: None

Extinguishing Media: Non-combustible material. Use extinguishing media appropriate for surrounding fire.

SECTION V – Stability and Reactivity Data

Stability: Stable

Incompatibility: Acids, temperatures over 228°F

Hazardous Decomposition: Heating above 228°F may cause dangerous levels of carbon dioxide gas to be generated which presents a hazard in confined spaces. Thermal decomposition will also yield sodium carbonate which may be irritating to eyes, skin, and respiratory tract.

Reactivity: Reacts with acids to yield carbon dioxide

Hazardous Polymerization: Will not occur

SECTION VI – Health Hazard Data

Eyes: Slight, transient irritation is possible

Skin: Not a skin irritant

Ingestion: Material is non-toxic. Small amounts (1-2 tablespoonfuls) swallowed during normal handling operations are not likely to cause injury as long as the stomach is not overly full; swallowing larger amounts may cause injury (see Note in Section VII).

Inhalation: None Known

Chemical Listed as Carcinogen or Potential Carcinogen: Sodium Saccharin – For hazard communication purposes: IARC concludes that saccharin cannot be classified as a carcinogen. NTP concludes that saccharin can reasonably be anticipated to be carcinogenic. Through its intended use and any inadvertent low level long term ingestion, the product is not expected to result in any hazardous condition.

Revision issued: 03/06 (Supercedes: 11/02)

SECTION VII – Emergency and First Aid Procedures

Eyes: Check for and remove contacts. Flood eyes with clean flowing water, low pressure and luke warm (not hot) if possible, occasionally lifting eyelids.

Skin: Not applicable

Ingestion: If large amounts of this material are swallowed, DO NOT induce vomiting. Administer water if person is conscious. Never give anything by mouth to an unconscious person. Note to Physician: Large doses may produce systemic alkalosis and expansion in extra cellular fluid volume with edema.

SECTION VIII – Special Precautions and Spill/Leak Procedures

Precautions to be Taken in Handling and Storing: Store in cool, dry areas and away from incompatible substances (see Section V). Sodium Bicarbonate, on thermal decomposition or reaction with acids, will yield carbon dioxide gas which can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide and oxygen levels have been determined to be safe.

Spill Management: Sweep up spilled powder into dry, clean containers. Wash away uncontaminated residue with water.

Waste Disposal Methods: Use acceptable methods complying with local ordinances

Additional Information: Read and observe all labeled precautions

SECTION IX – Special Protection Information/Control Measures

Ventilation: Local Exhaust

Eye Protection: No special requirements. Recommend safety glasses or goggles when handling bulk material or when dusts or mists (for solutions) are generated.

Protective Gloves: No special requirements. Recommended general purpose gloves for handling dry product. Impervious gloves when working with solutions.

Respiratory Protection: Dust mask required if total dust level exceeds 10 mg/m₃.

Other Clothing and Equipment: Clothes sufficient to avoid contact

Work/Hygienic Practices: No special requirements with respect to chemical exposure beyond those provided above.

*** 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.

perfectchoice®

AIR POLISHING POWDER

 **BIOTROL**

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

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

Questions or Comments? 1-800-822-8550