

# MATERIAL SAFETY DATA SHEET

Product name: **BUFF PROPHY POWDER**  
Last revised date: 23-Dec-10  
Print date: 21-Jul-11

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** Buff Propy Powder  
**MANUFACTURER:** Germiphene Corporation  
**ADDRESS:** 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada  
**PHONE:** 519-759-7100  
**FAX:** 519-759-1625  
**EMERGENCY PHONE:** CANUTEC 613-996-6666  
**PRODUCT USE:** Air polishing units for dental prophylaxis.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**INGREDIEMT:** Silicon Dioxide (Amorphous)  
**CAS No** 112945-52-5 % wt 0.5 - 1  
**HAZARDOUS:** yes

## 3. HAZARD IDENTIFICATION

**EYES:** May cause irritation.  
**SKIN:** May cause irritation.  
**INGESTION:** Administration of large doses to patients with renal insufficiency can produce systematic alkalosis.  
**INHALATION:** N/Av

## 4. FIRST AID MEASURES

**EYES:** Flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If irritation persists, get medical attention.  
**SKIN:** Flush contaminated skin with plenty of water. If irritation persists, get medical attention.  
**INGESTION:** In case of ingestion, give large quantities of water if conscious. Get immediate medical attention.  
**INHALATION:** In case of inhalation, remove to fresh air. If discomfort persists, get medical attention.

## 5. FIREFIGHTING MEASURES

**FLAMMABILITY:** No  
**COMBUSTIBLE:** No  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

Avoid dust accumulation. Sweep or shovel material into waste container.

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## 7. HANDLING AND STORAGE

Minimize dust generation and exposure. Store in a cool dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** N/Ap  
**RESPIRATORY PROTECTION:** No. If dust expected, wear face mask.  
**EYE PROTECTION:** Yes. Chemical safety goggles when airborne dust expected.  
**SKIN PROTECTION:** General purpose examination gloves.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** No

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White, fine, free-flowing powder  
**ODOUR:** Characteristic of the flavour  
**PHYSICAL STATE:** Solid  
**pH:** 8.1 as 1%  
**BOILING POINT:** N/Av  
**MELTING POINT:** N/Av  
**FREEZING POINT:** N/Av  
**VAPOUR PRESSURE (mmHg):** N/Av  
**SPECIFIC GRAVITY:** 0.88  
**SOLUBILITY IN WATER:** N/Av

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable at normal conditions.  
**CONDITIONS TO AVOID:** N/Av  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids.

## 11. TOXICOLOGICAL INFORMATION

**SILICON DIOXIDE** Oral rat LD50 10 mg/kg

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose in accordance with local, provincial, and federal law.

## 14. TRANSPORT INFORMATION

Not regulated by TDG.

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## 15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Medical device

## 16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

### Disclaimer

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