

# MATERIAL SAFETY DATA SHEET

Product name: **PIXIE PEARLS**  
Last revised date: 17-Nov-10  
Print date: 21-Jul-11

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** PIXIE PEARLS

**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:** Calcium Carbonate Cleaning Powder

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**INGREDIENT:** Calcium Carbonate  
**CAS NO** 471-34-1 **% WT** 100  
**HAZARDOUS:** Yes

## 3. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** May cause irritation to skin, eyes, and respiratory tract

**INHALATION:** Excessive concentrations of inhaled dust may cause coughing, sneezing, and nasal irritation.

**INGESTION:** Non-toxic

**SKIN ABSORPTION:** Not available

**SKIN CONTACT:** Not expected to be a health hazard from skin exposure

**EYE CONTACT:** No information available, but presumed to cause mechanical irritation.

## 4. FIRST AID MEASURES

**EYES:** In case of contact, immediately flush eyes with plenty of water. Get medical attention if irritation develops.

**SKIN:** Wash with soap and water. Get medical advice if irritation develops.

**INHALATION:** If inhaled, remove to fresh air. Get medical attention for any breathing difficulty.

**INGESTION:** Give large amounts of water. DO NOT INDUCE VOMITING. Get medical attention if symptoms appear.

## 5. FIREFIGHTING MEASURES

**EXTINGUISHING MEDIA:** Not considered to be a fire hazard. In the event of fire use any means suitable for extinguishing surrounding fire.

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## HAZARDOUS DECOMPOSITION PRODUCTS:

### 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment. In case of spill, vacuuming or wet sweeping may be used to avoid dust dispersal

### 7. HANDLING AND STORAGE

**HANDLING AND STORAGE:** Keep in a tightly closed container, stored in a cool, dry, ventilated area. Do not ingest. Do not breathe dust. Avoid contact with eyes. Keep away from incompatibles such as oxidizing agents, acids.

**OTHER PRECAUTIONS:** Good personal hygiene practices are suggested.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limits.

**RESPIRATORY PROTECTION:** If the exposure limit is exceeded and engineering controls are not feasible, a half facepiece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where exposure levels are not known, use a full-facepiece positive pressure, air-supplied respirator.

**EYE PROTECTION:** Avoid contact with eyes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Fine, white powder  
**PHYSICAL STATE:** Solid  
**PH:** N/A  
**BOILING POINT:** N/A  
**MELTING POINT:** 825<sup>0</sup>C  
**FREEZING POINT:** N/A  
**DENSITY:** 2.7-2.95  
**EVAPORATION RATE:** N/A  
**SOLUBILITY:** Very slightly soluble in cold water. Soluble in diluted acid. Insoluble in alcohol.  
**Flash point:** N/A

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## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable  
**CONDITIONS TO AVOID (STABILITY):** Incompatible materials  
**INCOMPATIBILITY (MATERIAL TO AVOID):** Reactive with oxidizing agents, acids  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** When heated to decomposition (825<sup>0</sup>C), emits calcium oxide fumes and liberates carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

The product itself and its products of degradation are not toxic.  
**Routes of entry:** Inhalation. Ingestion.  
**Toxicity to Animals:** Acute oral toxicity(LD50):6450 mg/kg [Rat]  
**Chronic Effects on Humans:** May cause damage to the following organs: kidneys  
**Other toxic effects on Humans:** Slightly Hazardous in case of skin contact (irritant), of ingestion, of inhalation.  
**Special Remarks on Toxicity to Animals:** Not Available  
**Special Remarks on other Toxic Effects on Humans:** Acute potential health effects:  
Skin: Causes skin irritation. Eyes: Dust causes eye irritation. Inhalation: Excessive inhalation causes respiratory tract and mucous membrane irritation.

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** According to state, federal, provincial, and local regulations.

## 14. TRANSPORT INFORMATION

**UN HAZARD CODE:** N/A  
**DANGEROUS GOODS CLASSIFICATION:** NOT DANGEROUS  
**TRANSPORT HAZARD CLASS:** N/Av

## 15. REGULATORY INFORMATION

**Federal and State Regulations:** TSCA 8(b) Inventory: Calcium Carbonate  
**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

### Disclaimer

No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product or information contained in this Material Safety Data Sheet. All information contained herein is presented in good faith and is believed to be appropriate and accurate. However, neither

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