



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name**            **CALCIUM CHLORIDE PELLETS**  
**Product Use**            De-Icer / Anti-Icer / Dust Control  
**Manufacturer**            XNYNTH Manufacturing Corp.  
                                  101 - 5950 Imperial Street  
                                  Burnaby, B.C. Canada V5J 4M2  
                                  604-473-9343  
**Emergency**              1-800-635-8423

## SECTION 2: HAZARDS IDENTIFICATION

<b>GHS: CONTACT HAZARD – SKIN</b>	Category 2 – Causes skin irritation.
<b>GHS: CONTACT HAZARD – EYE</b>	Category 2B – Causes eye irritation.
<b>GHS: ACUTE TOXICITY – INHALATION</b>	Not data available. Not classified.
<b>GHS: ACUTE TOXICITY – ORAL</b>	Category 4 – Harmful if swallowed.
<b>GHS: ACUTE TOXICITY – DERMAL</b>	Not classified as acutely toxic for dermal exposure.
<b>GHS: CARCINOGENICITY</b>	Not classified as a carcinogen per GHS criteria. This product is not classified as a carcinogen by NTP, IARC, WHMIS or OSHA.

**GHS SYMBOL:**



**GHS SIGNAL WORD:**

**WARNING**

**HAZARD STATEMENT:**

May cause eye and skin irritation. Harmful if swallowed.

**PRECAUTIONARY STATEMENTS (Prevention):**

Wear eye and face protection.

Wear protective gloves.

Wash hands after handling.

Do not eat, drink or smoke when using this product.

**PRECAUTIONARY STATEMENTS (Response):**

**IF IN EYES:** Wash immediately with running water, for at least 15 minutes. Call a doctor or take patient to the nearest medical institution.

**IF ON SKIN:** Flush area with water. If irritation persists, seek medical attention.

**IF SWALLOWED:** Do not induce vomiting. Rinse mouth and seek medical attention.

**PRECAUTIONARY STATEMENTS (Storage):**

Not applicable

**PRECAUTIONARY STATEMENTS (Disposal):**

Dispose of contents and container in accordance with local, regional, national and/or international regulations.

**HAZARDS NOT OTHERWISE CLASSIFIED:** None known

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT	CAS NUMBER
Calcium Chloride	10043-52-4

**SECTION 4: FIRST-AID MEASURES**

**Skin Contact:** Flush area with water. If irritation persists, seek medical attention.

**Eye Contact:** Wash immediately with running water, for at least 15 minutes. Call a doctor or take patient to the nearest medical institution.

**Ingestion:** Give water. Do not induce vomiting. Contact a physician immediately.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Flammability:** None - product is non-flammable.

**Flash Point:** Not Applicable

**Extinguishing Media:** Not Applicable

**Flammable Limits:** Not Applicable

**Explosion Hazards:** Not Applicable

**Hazardous Combustion Products:** Formed under fire conditions: hydrogen chloride gas, calcium oxide.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Material Leak or Spill:** Isolate area. Use appropriate safety equipment. Sweep or dry vacuum material for proper disposal. Wash area with water.

**Waste Disposal:** Consult federal, provincial, or local regulations for proper chemical waste disposal.

**SECTION 7: HANDLING AND STORAGE**

**Personal Protective Equipment:** Wear chemical goggles or safety glasses, chemical resistant gloves and apron

**Handling and Storage Requirements:** Store in a dry, ventilated area. Wash hands after handling.

**Special Shipping Requirements:** Not Applicable

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**Respiratory Protection:** If ventilation is not adequate, use a nuisance mask or respirator with dust filters.

**Skin Protection:** Gloves chemically resistant to this material.

**Eye/Face Protection:** Wear chemical goggles or safety glasses.

**Handling Procedure:** Wash hands after handling.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid	<b>Appearance:</b>	Pellets
<b>Water Solubility:</b>	59.5 g/100 mL (0 °C)	<b>Odour Threshold:</b>	Not Applicable
<b>Vapour Pressure:</b>	Not Applicable	<b>Odour:</b>	Minimal Odour
<b>Molecular Weight:</b>	110.99	<b>Melting Point:</b>	771.67°C / 1421°F
<b>Bulk Density:</b>	52-58 Lb (23.59-26.32 kg)/Ft <sup>3</sup>		

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous Reactions +/-or Decompositions:</b>	Formed under fire conditions: hydrogen chloride gas, calcium oxide
<b>Incompatibility:</b>	Heat is generated when mixed with water or aqueous acids. Splattering and boiling can occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

### ROUTES OF ENTRY:

<b>Skin Contact:</b>	Prolonged contact may cause skin irritation.
<b>Eye Contact:</b>	May cause slight eye irritation.
<b>Inhalation:</b>	Dust may cause irritation to upper respiratory tract.
<b>Ingestion:</b>	Low toxicity if swallowed. Small amounts swallowed incidentally in normal handling are not likely to cause injury. Swallowing larger amounts may be harmful.

<b>Effects of Acute or Chronic Exposure:</b>	Mild irritation
<b>Other Health Hazards:</b>	None known

## SECTION 12: ECOLOGICAL INFORMATION

<b>Toxicity:</b>	Not Available
<b>Persistence and Degradability:</b>	Not Available
<b>Bioaccumulation Potential:</b>	Not Available
<b>Mobility in Soil:</b>	Not Available
<b>Other Adverse Affects:</b>	Not Available

## SECTION 13: DISPOSAL CONSIDERATION

<b>Waste Disposal:</b>	Consult federal, provincial, or local regulations for proper chemical waste disposal.
------------------------	---

## SECTION 14: TRANSPORT INFORMATION

<b>United States DOT:</b>	This product is not regulated by D.O.T when shipped domestically by land.
<b>Canadian TDG:</b>	This product is not regulated by T.D.G. when shipped domestically by land.

## SECTION 15: REGULATORY INFORMATION

**US Regulations:** Listed on the United States TSCA (Toxic Substances Control Act) inventory.  
**Canadian Regulations:** WHMIS (2015) - Eye damage/eye irritation - Category 2 - Classification H319

## SECTION 16: OTHER INFORMATION

SDS Prepared by: XYNETH Manufacturing Corp.

Date: 01, July 2023