



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

GHS: CONTACT HAZARD – SKIN	Category 2 – Causes skin irritation.
GHS: CONTACT HAZARD – EYE	Category 2B – Causes eye irritation.
GHS: ACUTE TOXICITY – INHALATION	Not data available. Not classified.
GHS: ACUTE TOXICITY – ORAL	Category 4 – Harmful if swallowed.
GHS: ACUTE TOXICITY – DERMAL	Not classified as acutely toxic for dermal exposure.
GHS: CARCINOGENICITY	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

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

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:

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

Effects of Acute or Chronic Exposure:	Mild irritation
Other Health Hazards:	None known

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	Not Available
Persistence and Degradability:	Not Available
Bioaccumulation Potential:	Not Available
Mobility in Soil:	Not Available
Other Adverse Affects:	Not Available

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal:	Consult federal, provincial, or local regulations for proper chemical waste disposal.
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SECTION 14: TRANSPORT INFORMATION

United States DOT:	This product is not regulated by D.O.T when shipped domestically by land.
Canadian TDG:	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: XYNYTH Manufacturing Corp.

Date: 01, July 2023