

# Material Safety Data Sheet / Fiche signalétique

**WESTCOAST DRILLING SUPPLIES LTD.**

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EMERGENCY 1-800-665-6645

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**SECTION I: IDENTIFICATION OF PRODUCT**

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PRODUCT NAME: **CALCIUM CHLORIDE FLAKE**  
CHEMICAL FAMILY: Calcium Chloride (77%)  
WHMIS CLASSIFICATION: Class D-2(B)  
WORK PLACE HAZARD: Skin and Eye Irritant

**TRANSPORTATION OF DANGEROUS GOODS (TDGR)**

CLASSIFICATION: Not Dangerous Goods  
PACKAGE GROUP: Not applicable  
PRODUCT IDENTIFICATION NUMBER (PIN): Not applicable

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**SECTION II: HAZARDOUS INGREDIENTS**

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INGREDIENT	PERCENTAGE	CAS NUMBER	LD50	LC50
Calcium Chloride	>90%	10043-52-4	1090 mg/kg	Not determined
Strontium Chloride	1%	10476-85-1		Not determined

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**SECTION III: TOXICOLOGICAL PROPERTIES**

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**ROUTE OF ENTRY:**

[XXX] Skin, [XXX] Eye Contact, [ ] Inhalation, [ ] Ingestion

**SKIN CONTACT:**

Prolonged or repeated contact with the dust may irritate the skin or cause burns especially if skin is moist or if material is confined to the skin.

**EYE CONTACT:**

Dusts may cause moderate to severe eye irritation with corneal injury that may be slow to heal.

**INHALATION:**

Breathing dust may irritate the nose and throat and cause coughing and chest discomfort.

**INGESTION:**

Swallowing solids may cause gastrointestinal irritation or ulceration.

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**SECTION IV: FIRST AID MEASURES**

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**SKIN CONTACT:** Immediately wash skin with plenty of soap and water. Remove contaminated clothing and footwear; wash before reuse. Get medical attention if irritation persists after washing.

**EYE CONTACT:** Flush material out immediately then get medical attention. Immediately flush eyes with large amounts of water for fifteen (15) minutes, holding lids apart to ensure flushing of the entire surface.

**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

**INGESTION:** In conscious, immediately induce vomiting. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

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**SECTION V: PHYSICAL DATA**

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APPEARANCE AND ODOR: White to off white pellets; odorless  
DENSITY (SPECIFIC GRAVITY): 2.2  
BOILING POINT: 204° C  
MELTING POINT: Not applicable  
WATER SOLUBILITY: Very  
% VOLATILE BY VOLUME: Not applicable  
EVAPORATION RATE: Not applicable

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VAPOR PRESSURE (mm Hg):	Not applicable
VAPOR DENSITY (Air = 1):	Not applicable
pH:	Not determined

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**SECTION VI: FIRE AND EXPLOSION HAZARD DATA**

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FLASH POINT:	Not applicable
FLAMMABLE LIMIT:	Not applicable
EXTINGUISHING MEDIA:	Not a combustible material.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained respirators required for fire fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

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**SECTION VII: REACTIVITY DATA**

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STABLE [XXX] INSTABLE [ ]

INCOMPATIBILITY (CONDITIONS TO AVOID):	Decomposes above 204° C
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur [XXX] May occur [ ]

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**SECTION VIII: PREVENTATIVE MEASURES**

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RESPIRATORY PROTECTION:	Approved dust respirator or mask.
VENTILATION:	Local mechanical exhaust.
PROTECTIVE GLOVES:	Rubber gloves.
EYE PROTECTION:	Chemical goggles.
OTHER PROTECTIVE EQUIPMENT:	An eyewash and safety shower should be nearby and ready for use.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Store in a cool, very dry place. Keep container tightly closed when not in use. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing.

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:**

Wear protective equipment. For small spills, sweep up and dispose of in approved waste containers. For large spills, shove into approved waste containers.

**WASTE DISPOSAL METHOD:**

Dispose of contaminated product and material used in cleaning up spills or leaks in manner approved for this material. Consult appropriate regulatory agencies to ascertain proper disposal procedures.

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**SECTION IX: PREPARATION**

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The information contained herein is given in good faith, but no warranty, expressed or implied is made.

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BY: Product Safety Committee

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