

# Material Safety Data Sheet / Fiche signalétique

## WESTCOAST DRILLING SUPPLIES LTD.

8069 River Way, Delta, British Columbia,  
Canada V4G 1L3  
Ph. (604) 940-6050 Fax (604) 940-6080

EMERGENCY 1-800-665-6645

### SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **CAL-SEAL (EA-2)**  
CHEMICAL FAMILY: Calcium Sulphate  
PRODUCT USE: Cementing  
WHMIS CLASSIFICATION: Not a controlled product under WHMIS  
WORK PLACE HAZARD: Not applicable

### TRANSPORTATION OF DANGEROUS GOODS (TDGR)

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

### SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	PERCENTAGE	CAS NUMBER	LD50	LC50
Calcium Sulphate Hemihydrate	>60%	10124-36-4	Not determined	Not determined

### SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:  
[XXX] Skin, [XXX] Eye Contact, [XXX] Inhalation, [XXX] Ingestion

SKIN CONTACT: May cause mild allergic skin reaction in susceptible individuals  
EYE CONTACT: Dust may irritate eyes  
INHALATION: Dust may irritate upper respiratory passages.  
INGESTION: Not available  
EFFECTS OF CHRONIC EXPOSURE: Prolonged or repeated skin contact may cause severe irritation or burns especially if skin is moist or if material is confined.

### SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Immediately flush skin with water for at least fifteen (15) minutes. Remove contaminated clothing and footwear; wash before re-use. Seek medical attention. Wash dust if irritating to the eyes, skin and respiratory system.  
EYE CONTACT: Immediately flush eyes with plenty of water for at least fifteen (15) minutes occasionally lifting the eyelids. Seek immediate medical attention.  
INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Get immediate medical attention.  
INGESTION: If swallowed, *do not induce vomiting*. Give up to one (1) quart of water or milk to dilute. Seek immediate medical attention.

### SECTION V: PHYSICAL DATA

APPEARANCE AND ODOR: White solid; powder; odorless  
DENSITY (SPECIFIC GRAVITY): 2.700  
BOILING POINT: Not applicable  
MELTING POINT: Not applicable  
WATER SOLUBILITY: 0.2% at 20° C  
% VOLATILE BY VOLUME: Not applicable  
EVAPORATION RATE: Not applicable  
VAPOR PRESSURE (mm/Hg): Not applicable  
VAPOR DENSITY (Air=1): Not applicable  
pH: 10.4

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

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FLASH POINT: Not applicable  
FLAMMABLE LIMIT: Not determined  
EXTINGUISHING MEDIA: Use media appropriate for surrounding materials.  
SPECIAL FIRE FIGHTING PROCEDURES: Self contained respirators required for fire fighting personnel.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Not applicable

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**SECTION VII: REACTIVITY DATA**

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STABLE [XXX] INSTABLE [ ]  
INCOMPATIBILITY (CONDITIONS TO AVOID): None  
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: Suggest NIOSH/MESA approved dust mask.  
VENTILATION: Ten (10) changes per hour suggested  
PROTECTIVE GLOVES: Suggest plastic or rubber  
EYE PROTECTION: Suggest goggles.  
OTHER PROTECTIVE EQUIPMENT: Suggest rubber apron.

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

Store in a dry location to protect product quality. Avoid creating or inhaling dust. Avoid contact with skin, eyes and clothing.

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

Use protective equipment. Sweep up to remove. Avoid creating or inhaling dust.

**WASTE DISPOSAL METHOD:**

If not contaminated, reuse product. Get approval from landfill operator to transport to sanitary landfill.

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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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Authorized by:

Alan Lelonde