

# Material Safety Data / Fiche signalétique

**WESTCOAST DRILLING SUPPLIES LTD.**

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Canada V4G 1L3  
Ph. (604) 940-6050 Fax (604) 940-6080

EMERGENCY 1-800-665-6645

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**SECTION I: IDENTIFICATION OF PRODUCT**

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**PRODUCT NAME:** **X-TRA GEL**  
**CHEMICAL FAMILY:** Sodium Montmorillonite  
**WHMIS CLASSIFICATION:** Class D-2(A)  
**WORK PLACE HAZARD:** Potential Carcinogen; contains free silica

**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	OSAH PEL	ACGIH TLV
Bentonite		1302-78-9	5 mg/M	Not applicable
Quartz (Silica)		14808-60-7	10 mg/M	0.1 mg/M
Crystobalite		14464-46-1	10 mg/M	0.05 mg/M
Tridymite		15468-32-3	10 mg/M	0.05 mg/M

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**SECTION III: TOXICOLOGICAL PROPERTIES**

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**ROUTE OF ENTRY:**

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

**ACUTE - SHORT TERM EXPOSURE:** Cough if exposed to dust at levels higher than TLV's.  
**CHRONIC - LONG TERM EXPOSURE:** May lead to development of silicosis or other respiratory problems if consistently exposed to free silica containing airborne bentonite.

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**SECTION IV: FIRST AID MEASURES**

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No first aid measures are suggested for chronic (long term exposure). For acute (short term exposure) remove patient from dusty environment.

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**SECTION V: PHYSICAL DATA**

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**APPEARANCE AND ODOR:** Pale gray to buff powder or granules; Odorless.  
**DENSITY (SPECIFIC GRAVITY):** 2.35  
**BOILING POINT:** Not applicable  
**MELTING POINT:** 788° C  
**WATER SOLUBILITY:** Insoluble; forms colloidal suspension.  
**% VOLATILE BY VOLUME:** Not applicable  
**EVAPORATION RATE:** Not applicable  
**VAPOR PRESSURE: (mm Hg)** Not applicable  
**VAPOR DENSITY: (Air = 1)** Not applicable  
**pH:** 7 - 6

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

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**FLASH POINT:** Not applicable  
**FLAMMABLE LIMIT:** Not applicable

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EXTINGUISHING MEDIA:	Not applicable
SPECIAL FIRE FIGHTING PROCEDURES:	Not applicable
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:	NIOSH/MSHA approved respirators for silica bearing dust.
VENTILATION:	Yes if particular; Personal air supply may be useful.
PROTECTIVE GLOVES:	None required
EYE PROTECTION:	Suggest goggles
OTHER PROTECTIVE EQUIPMENT:	None required

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

Avoid breathing dust; wear an approved respirator. Practice reasonable caution and personal cleanliness. Avoid eye contact.

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

Vacuum or sweep up if dry. Avoid flushing with water as material may become extremely slippery.

**WASTE DISPOSAL METHOD:**

Dispose of material in a manner to prevent generating dust.

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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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Review date:

Authorized by:

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