



The Kissner Group  
 32 Cherry Blossom Road  
 Cambridge, ON  
 N3H 4R7  
 (519) 650-9998

**Material Safety Data Sheet:**  
**Backfill**

**Section 1: Product Information**

T.D.G Classification	Not Regulated
Product Identification Number	N/A
CAS #	N/A
Packing Group	N/A
Product Name	Backfill Mixture
WHIMIS Classification	This is not a controlled product.
Chemical Formula	N/A
Chemical Family	N/A
Product Use	Industrial Use only.
Available Packaging	50 lb bags
Supplier	Kissner Salts & Chemicals 32 Cherry Blossom Road Cambridge, ON N3H 4R7 (519) 650-9998

**Section 2: Hazardous Ingredients**

Non-Hazardous Ingredients	CAS #	Percentage	ACGIH/TLV
Calcium Sulphate	10101-41-4	75%	not applicable
Sodium Bentonite	1302-78-9	20%	not available
Sodium Sulphate	7757-82-6	5%	not listed

**Section 3: Physical Data**

Physical State	Solid
Appearance & Odor	Tan to grey, odorless powder
Odor Threshold	N/A
Specific Gravity (Water = 1)	2.32 to 2.55
Vapor Pressure (MMHG)	N/A
Vapor Density (Air = 1)	N/A
Evaporation Rate	N/A
Boiling Point	N/A
Melting Point	N/A
pH	7.0 - 10
Coefficient of Water/Oil Distribution	N/A

**Section 4: Fire and Explosion Data**

Hazardous Conditions	Minimize air-borne spreading of dust. Spilled material may cause surfaces to become slippery.
Fire Extinguishing Procedures	This product is non-flammable.
Flash Point	Non-combustible, does not burn
Upper Flammable Limit	N/A
Lower Flammable Limit	N/A
Auto-ignition Temperature	N/A
Hazardous Combustion Products	N/A





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Sensitivity to mechanical impact  
Sensitivity to static discharge

None  
Non-combustible product

### Section 5: Reactivity Data

Chemical Stability  
Hazardous Polymerization  
Conditions of Reactivity  
Hazardous Decomposition

Stable  
Will not occur  
None  
None

### Section 6: Toxicological Properties

Route of entry to body  
Effects of acute exposure to product

Eyes, skin, ingestion, inhalation  
Backfill may be considered a nuisance particulate.  
High exposure to dust may produce irritation of eyes and respiratory system.

Effects of chronic exposure to product  
Exposure limits  
Irritancy of product  
Sensitization of product  
Carcinogenicity of product

None known  
Not established for this product.  
See above  
None known  
The ingredients of this product are not classified as carcinogenic by ACGIH or IARC, not regulated as carcinogens by OSHA, and not listed as carcinogens by NTP.

Reproductive toxicity

No information is available and no adverse reproductive effects are anticipated.

Teratogenicity

No information is available and no adverse teratogenic/embryo toxic effects are anticipated.

Mutagenicity

No information is available and no adverse mutagenic effects are anticipated.

Synergistic effects  
LD/50  
LC/50

None known  
Not determined  
Not determined

### Section 7: Preventative Measures

Personal protective equipment required

**Respiratory:** use NIOSH approved particulate respirator as appropriate for nuisance dust.  
**Skin:** gloves are not required, but may be desirable under certain working conditions.  
**Eye protection:** safety glasses or goggles as needed.  
**Other protective equipment:** none.

Specific engineering controls required  
Spill/Leak procedures

N/A  
Remove by sweeping or vacuum. Do not wash down drains.

Waste disposal

In accordance with federal, provincial and local laws. Follow company policies and procedures.

Storage & Handling requirements

Dew point conditions or other conditions causing presence of moisture will harden calcium sulphate during storage.

Special shipping information

See section 1: "Product Information"



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### Section 8: First Aid Measure

<b>Eye contact</b>	Flush with water for 15 minutes, lifting upper and lower lids occasionally, obtain medical attention.
<b>Skin contact</b>	Wash contaminated area with soap and water. Apply a moisturizing hand cream.
<b>Ingestion</b>	Only induce vomiting at the instruction of a physician. Keep person warm, quiet and obtain medical attention.
<b>Inhalation</b>	If affected, remove to fresh air. If breathing is difficult, administer oxygen if trained. If breathing has stopped, give artificial respiration, preferably mouth to mouth. Keep person warm, quiet and obtain medical attention.

### Section 9: Preparation Information

<b>Emergency Phone Number</b>	(613) 996-6666 (Canutec)
<b>Date</b>	March 2008
<b>Prepared By</b>	Tanya Goreing

The information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made to its accuracy reliability or completeness. It is the user's responsibility to review this information, satisfy themselves as to its suitability and completeness and pass on the information to its employees or customers. Kissner Salts & Chemicals does not accept responsibility for any loss or damage which may occur from the use of this information.