

SEAL KING INC.  
14 MELANIE DR. UNIT 15  
BRAMPTON, ON L6T 4L3

**SAFETY DATA SHEET**

**PRODUCT: COLD TEMPERATURE ACCELERATOR**

**SECTION 1: MATERIAL IDENTIFICATION AND USE**

TDG CLASSIFICATION ..... N/A  
UN NUMBER ..... N/A  
PACKING GROUP ..... N/A  
WHMIS CLASSIFICATION ..... Class D, Division 2  
CHEMICAL FORMULA ..... CaCl<sub>2</sub> 6 H<sub>2</sub>O  
CHEMICAL FAMILY ..... N/A  
MOLECULAR WEIGHT ..... 203.31  
MATERIAL USE ..... N/A

**SECTION 2: COMPOSITION OF INGREDIENTS**

INGREDIENTS	%	CAS#	LD <sub>50</sub> (species & route)	LC <sub>50</sub> (species & route)
Calcium Chloride	30	10043-52-4	n/a	n/a
Potassium Acetate	n/a	127-08-2	n/a	n/a
Corrosion Inhibitor	n/a	n/a	n/a	n/a
Water	10	n/a	n/a	n/a

**SECTION 3: PHYSICAL DATA**

APPEARANCE ..... Purple liquid  
ODOUR ..... Mild odor  
FREEZING POINT (°C) ..... -51 °C  
BOILING POINT (°C) ..... N/A  
ODOUR THRESHOLD ( ppm) ..... N/A  
VAPOUR PRESSURE ( mm HG) ..... N/A  
VAPOUR DENSITY (air=1) ..... N/A  
PERCENT VOLATILE ..... N/A  
EVAPORATION RATE (nBuAc=1) ..... N/A  
pH ..... Slightly alkaline  
SPECIFIC GRAVITY (water=1) ..... 1.30 @ 68°F  
COEFF. OF WATER/OIL DISTRIBUTION ..... N/A  
SOLUBILITY IN WATER ..... Complete

**SECTION 4: FIRE AND EXPLOSION DATA**

FLAMMABILITY ..... N/A  
EXTINGUISHING MEDIA ..... Water spray, carbon dioxide, dry chemical.  
SPECIAL PROCEDURES ..... N/A  
FIRE and EXPLOSION HAZARDS ..... N/A  
FLASHPOINT (°C) and METHOD ..... Non-combustible.  
AUTO-IGNITION TEMPERATURE (°C) ..... N/A  
LOWER FLAMMABLE LIMIT ..... N/A  
UPPER FLAMMABLE LIMIT ..... N/A

HAZARDOUS COMBUSTION PRODUCTS .....	Toxic fumes of hydrogen chloride may be evolved when calcium chloride is thermally decomposed.
SENSITIVITY TO STATIC DISCHARGE .....	N/A
SENSITIVITY TO MECHANICAL IMPACT .....	N/A

### SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY .....	Stable
INCOMPATIBILITY .....	Avoid contact with strong acids.
CONDITION OF REACTIVITY .....	N/A
HAZARDOUS DECOMPOSITION PRODUCTS .....	Hydrogen chloride gas may be released if product is evaporated to dryness and heated to > 500°C.

### SECTION 6: TOXICOLOGICAL EFFECTS

#### ROUTES OF ENTRY:

#### ACUTE EXPOSURE

INGESTION LD50 (rat).....	2800 mg/kg
SKIN ABSORPTION LD50 .....	N/A
EYE CONTACT .....	Mild irritant / Mild eye irritant
INHALATION LC50 .....	N/A

#### CHRONIC EXPOSURE

INGESTION.....	May irritate gastrointestinal tract, may cause nausea and vomiting
SKIN ABSORPTION .....	May cause drying, defatting and dermatitis
SKIN CONTACT .....	Will cause redness and itching, contact with broken skin may cause necrosis
EYE CONTACT.....	N/A
INHALATION .....	N/A

CARCINOGENICITY .....

Negative in 96-week oral B6C3F1 mouse study, ranging up to 2% of diet.

TERATOGENICITY..... N/A

REPRODUCTIVE TOXICITY .....

N/A

MUTAGENICITY .....

N/A

SYNERGISTIC PRODUCTS..... N/A

### SECTION 7: PREVENTIVE MEASURES

#### PERSONAL PROTECTIVE EQUIPMENT:

GLOVES.....	Wear impervious gloves
RESPIRATOR .....	NIOSH approved if over exposure to mist occurs
EYE .....	Safety glasses or face shield
FOOTWEAR.....	Wear impervious boots
CLOTHING.....	Wash clothing before re-use
OTHER .....	N/A

ENGINEERING CONTROLS..... N/A

LEAK and SPILL PROCEDURES .....

Absorb in vermiculite, dry sand, earth or similar material

WASTE DISPOSAL .....

Consult local waste disposal authorities

HANDLING PROCEDURES and EQUIPMENT .....

Avoid prolonged or repeated contact with skin or breathing vapors, mist or fumes. Launder contaminated clothing before re-use. Wash thoroughly after handling.

STORAGE REQUIREMENTS .....

Maintain dry, ventilated conditions for storage. Keep away from strong acids to prevent release of hydrogen chloride gas.

SPECIAL SHIPPING INFO. .... Not regulated by TDG  
..... UN number – not regulated  
..... Primary Classification – not regulated

### SECTION 8: FIRST AID MEASURES

EYE CONTACT..... Immediately flush with water  
SKIN CONTACT ..... Remove contaminated clothing, if skin becomes wet flush with water. If irritation occurs contact a physician.  
INGESTION..... Do not induce vomiting, call a physician immediately  
INHALATION ..... If a large amount of mist is inhaled, move exposed person to fresh air and call a physician  
SOURCES USED..... N/A  
ADDITIONAL INFORMATION..... N/A

### SECTION 9: PREPARATION DATE OF SDS

ORIGINAL PREPARATION BY ..... LINO TATONE  
DATE..... January 01, 2018

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