

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 CaCl₂ 6 H₂O
CHEMICAL FAMILY N/A
MOLECULAR WEIGHT 203.31
MATERIAL USE N/A

SECTION 2: COMPOSITION OF INGREDIENTS

INGREDIENTS	%	CAS#	LD ₅₀ (species & route)	LC ₅₀ (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

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