

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	SUPER SET
OTHER MEANS OF IDENTIFICATION:	Not applicable
RECOMMENDED USE:	Cement accelerator
RESTRICTIONS ON USE:	None
SUPPLIER IDENTIFIER:	Di-Corp 8750-53 Ave Edmonton, AB T6E 5G2 780-440-4923
EMERGENCY PHONE NUMBER:	780-468-4064 (24 hr)

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Skin irritation – Category 2
Eye irritation – Category 2A

LABEL SYMBOL:



SIGNAL WORD:

WARNING

CLASSIFICATION INFORMATION:

Causes skin irritation.
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Wash hand, face and exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

OTHER HAZARDS:

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION (%)
Calcium chloride	10043-52-4	15 (w/w)

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	If irritation occurs, before breaks and when shift ends wash with soap and water. If irritation develops and persists seek medical attention.
EYE CONTACT:	Immediately flush with gently flowing warm water for 15 – 20 minutes or until irritation ceases. Obtain medical attention when flushing is complete.
INGESTION:	Do not induce vomiting. Rinse mouth with water. Give 1-2 glasses of water to drink. If spontaneous vomiting occurs, keep head below hips to ensure vomitus is not aspirated, then rinse mouth and readminister water. Obtain medical attention. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Not a likely source of exposure unless product is misted. No first aid required.
MOST IMPORTANT SYMPTOMS / EFFECTS:	Contact may cause skin or eye irritation.

IMMEDIATE MEDICAL ATTENTION /
SPECIAL TREATMENT:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use media suitable for surrounding fire and packaging.
UNSUITABLE EXTINGUISHING MEDIA: None.
SPECIFIC FIRE HAZARDS: None.
HAZARDOUS COMBUSTION PRODUCTS: Not available.
SPECIAL PROTECTIVE EQUIPMENT &
PRECAUTIONS: Self-contained breathing apparatus required for fire-fighting personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear suitable protective equipment. Stop leak if possible to do so without risk.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Soak up spilled material with absorbent. Collect uncontaminated material and absorbent in approved containers for disposal.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Wash thoroughly after handling. Avoid contact with eyes, skin, or clothing.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool dry area away from incompatibles. Keep container tightly closed when not in use. Empty packaging contains residual hazardous material and should be stored and handled as if full.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: Not established.
ENGINEERING CONTROLS: Not required for normal conditions of use. If mists or vapours are given off during use, maintain adequate engineering controls and/or ventilation to keep hazardous ingredient(s) below statutory limits or guidelines.

PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION: Not required for normal conditions of use. NIOSH/MESA approved dust mask or respirator if mists or vapours are produced during use.
PROTECTIVE GLOVES: Rubber gloves recommended.
EYE PROTECTION: Chemical goggles recommended.
OTHER PROTECTIVE EQUIPMENT (SPECIFY): Ensure eyewash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colourless liquid
ODOUR: Odourless
ODOUR THRESHOLD: Not applicable
pH: 8.0
MELTING POINT / FREEZING POINT: <0°C
BOILING POINT / RANGE: >100°C
FLASH POINT: Not applicable
EVAPORATION RATE: Not applicable
FLAMMABILITY: Not applicable
FLAMMABILITY / EXPLOSIVE LIMITS: Not applicable

VAPOUR PRESSURE:	Not applicable
VAPOUR DENSITY:	Not applicable
RELATIVE DENSITY:	1.30
SOLUBILITY:	Miscible with water
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not applicable
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No known dangerous reactions under normal conditions of use.
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	None known.
CONDITIONS TO AVOID:	None known.
INCOMPATIBLE MATERIALS:	Avoid contact with water reactive materials
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

COMPONENT	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
Calcium chloride	500 – 1000 mg/kg (rat)	>5000 mg/kg (rabbit)	>160 mg/m ³ /4 hr (rat)

SKIN CONTACT:	Single, short exposures are expected to cause no to slight irritation. Prolonged or repeated contact may irritate skin.
EYE CONTACT:	May cause eye irritation.
INGESTION:	Oral toxicity considered low. No effects expected from swallowing small quantity.
INHALATION:	No effects expected as no vapour given off at normal temperatures.
CARCINOGENICITY:	Not listed by IARC, ACGIH, NTP or OSHA.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY	Calcium chloride: LC50 = 10650 mg/L/96 hr (bluegill). EC50 = 2400 mg/L/48 hr (water flea).
PERSISTENCE AND DEGRADABILITY:	Not applicable to inorganic substances. Not expected to persist as product is miscible with water.
BIOACCUMULATIVE POTENTIAL:	Not expected to bioaccumulate.
MOBILITY IN SOIL:	Will easily travel through soil.
OTHER ADVERSE EFFECTS:	No adverse environmental effects are expected.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. May be disposed of as an inert solid in a sanitary landfill in some locations: Check with local operator. Empty packages should be taken for local recycling, recovery or waste disposal: Check with local waste operator.

SECTION 14: TRANSPORTATION INFORMATION

TDG:	Not regulated
DOT:	Not regulated
IATA:	Not regulated
IMDG:	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable
SPECIAL PRECAUTIONS:	Not applicable

SECTION 15: REGULATORY INFORMATION

DSL:	All ingredients are on the DSL.
WHMIS 1988 CLASSIFICATION:	D2B
TSCA:	All components are listed on the inventory or are exempt.

SECTION 16: OTHER INFORMATION

REVISION DATE:	November 27, 2018
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