

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	SUGAR
OTHER MEANS OF IDENTIFICATION:	Sucrose, Saccharose, Granulated Sugar
RECOMMENDED USE:	Cement additive
RESTRICTIONS ON USE:	None known
SUPPLIER IDENTIFIER:	Di-Corp 8750-53 Ave Edmonton, AB T6E 5G2 780-440-4923
EMERGENCY PHONE NUMBER:	780-468-4064

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Not hazardous as supplied
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
CLASSIFICATION INFORMATION:	Not applicable
PRECAUTIONARY STATEMENTS:	Not applicable
OTHER HAZARDS:	The dust generated by the transportation and handling of sugar is an explosion hazard.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Sucrose	57-50-1	100%

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	No first aid required. If irritation occurs and persists, obtain medical attention.
EYE CONTACT:	Immediately flush with gently flowing warm water until particle(s) are removed. If irritation persists obtain medical attention.
INGESTION:	No first aid required. Obtain medical attention if symptoms develop.
INHALATION:	Move to area free from dust. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	No known acute or chronic health effects.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use dry chemical, carbon dioxide or alcohol foam in preference to water spray.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	Solid is difficult to ignite but high concentrations of dust may form explosive mixture in air. Minimum explosive concentration: 45 g/m ³ .
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move containers from fire area, or cool with water spray, if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Avoid creating dust clouds. Eliminate ignition sources.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Scoop up excess material. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Flush spill area with water.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Use good personal hygiene and housekeeping. Launder contaminated clothing before reuse.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry, well-ventilated place away from oxidizers. Extended storage can result in a hardening of the material.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not established. Local nuisance dust levels apply.
ENGINEERING CONTROLS:	Use only with adequate ventilation. If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.
	PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	Approved dust masks recommended for dust levels below TLV. Use a properly fitted particulate filter respirator complying with an approved standard if airborne concentrations exceeds TLV or if a risk assessment indicates this is necessary.
PROTECTIVE GLOVES:	Not required.
EYE PROTECTION:	Safety glasses with side-shields.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White crystalline granules
ODOUR:	Odourless
ODOUR THRESHOLD:	Not applicable
pH:	Not available
MELTING POINT / FREEZING POINT:	185 – 186°C (decomposes)
BOILING POINT / RANGE:	Not applicable
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:	1.59
SOLUBILITY:	200 g/100g H ₂ O @ 20°C
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	None under normal conditions of storage or use.
CHEMICAL STABILITY:	Stable under normal conditions of storage or use.
POSSIBILITY OF HAZARDOUS REACTIONS:	Polymerization will not occur.
CONDITIONS TO AVOID:	Exposure to air or moisture over prolonged periods.
INCOMPATIBLE MATERIALS:	Avoid strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available.
SKIN CONTACT:	Non-irritating to intact skin. Minor irritation may occur on abraded skin.
EYE CONTACT:	Dust may cause mild transient eye irritation.
INGESTION:	No effects expected.
INHALATION:	Dust may cause irritation including coughing and sneezing.
CARCINOGENICITY:	Not carcinogenic based on available information.
TERATOGENICITY:	Not teratogenic based on available information.
REPRODUCTIVE TOXICITY:	Not a reproductive toxin based on available information.
MUTAGENICITY:	Not mutagenic based on available information.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	No information available.
PERSISTENCE AND DEGRADABILITY:	No information available.
BIOACCUMULATIVE POTENTIAL:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	None know.

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. It may be possible to dispose of this product in a landfill: Check with local 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 a marine pollutant

BULK TRANSPORT: Not applicable
SPECIAL PRECAUTIONS: None

SECTION 15: REGULATORY INFORMATION

DSL: On the DSL.
WHMIS CLASS: None
TSCA: Listed

SECTION 16: OTHER INFORMATION

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