

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	SODIUM GLUCOHEPTONATE
OTHER MEANS OF IDENTIFICATION:	None
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 per part 2 of the HPR
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
CLASSIFICATION INFORMATION:	Not applicable
PRECAUTIONARY STATEMENTS:	Not applicable
OTHER HAZARDS:	Caution: If dust is created during use it can create a dust explosion hazard.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Sodium glucoheptonate	13007-85-7	100%

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing and wash affected area thoroughly with water and soap. If irritation develops and persists, obtain medical attention.
EYE CONTACT:	Do not rub eyes. Immediately flush with gently flowing warm water. Obtain medical attention if irritation persists.
INGESTION:	Rinse mouth. If symptoms occur, or large amount ingested, obtain medical attention. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.
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 health effects are expected as a result of contact with this product.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use water spray, foam, dry chemical or carbon dioxide to extinguish.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	POTENTIAL COMBUSTIBLE DUST HAZARD. Powdered material may form explosive dust-air mixture, which can be ignited by a spark heat or flame. When evaluating the dust explosion hazard of a specific process or sample of material, the important factors to consider include: particle size and shape, dust concentration, the nature of any impurities, oxygen concentration, humidity, and extent of containment. Kst = 67 bar.m/s

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, oxides of sodium.
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 appropriate safety gear including eye and respiratory protection. Eliminate ignition sources. Avoid generation of dusts during clean-up. Wet product may create a slipping hazard.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect dry material by vacuum or by sweeping and shoveling. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water once all traces of material are swept up.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes or prolonged skin contact. Use good personal hygiene and housekeeping. Avoid dust formation. Avoid breathing dust. Launder contaminated clothing before reuse. If material is ground, cut or used in any operation which may generate dusts, use appropriate explosion- proof local exhaust ventilation.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry, well-ventilated place away from incompatible materials and ignition sources.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: No information available.
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: Personal preference.
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 to tan powder
ODOUR: Odourless
ODOUR THRESHOLD: Not applicable
pH: 8 – 9 (1% aqueous solution)
MELTING POINT / FREEZING POINT: 161°C
BOILING POINT / RANGE: Not available
FLASH POINT: Not available
EVAPORATION RATE: Not applicable
FLAMMABILITY: Not available
FLAMMABILITY / EXPLOSIVE LIMITS: Not available
VAPOUR PRESSURE: Not available
VAPOUR DENSITY: Not available

RELATIVE DENSITY:	Not available
SOLUBILITY:	Soluble in water
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive under normal condition of storage and transport.
CHEMICAL STABILITY:	Stable under normal condition of storage and transport.
POSSIBILITY OF HAZARDOUS REACTIONS:	Will not occur under normal conditions.
CONDITIONS TO AVOID:	Keep away from direct sunlight, moist air, heat, hot surfaces, sparks, open flames and other ignition sources.
INCOMPATIBLE MATERIALS:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	LD50 (oral, rat) > 2000 mg/kg (estimated)
SKIN CONTACT:	Prolonged contact may cause temporary irritation.
EYE CONTACT:	May cause mild irritation.
INGESTION:	May cause irritation if large amounts are swallowed. Nausea and stomach pain may occur.
INHALATION:	Dust may cause irritation including coughing and sneezing.
CARCINOGENICITY:	Not considered to be carcinogenic as per IARC, NTP or OSHA.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	None known.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not available.
PERSISTENCE AND DEGRADABILITY:	Not available.
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	Not available.
OTHER ADVERSE EFFECTS:	Not available.

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.

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:	None

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

REVISION DATE:	January 25, 2019
REPLACES:	None

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