

## SECTION 1 – PRODUCT IDENTIFICATION AND USE

**PRODUCT IDENTIFIER:** O-Cal 0-0-0 + 5 Ca

**PRODUCT USE:** Liquid Fertilizer

**MANUFACTURER'S NAME:** Greentek Fertilizer Inc.

**SUPPLIER'S NAME:** Same as manufacturer

**ADDRESS:** 202-27090, Gloucester Way  
Adergrove, BC  
V4W 3Y5, Canada

**ADDRESS:** Same as manufacturer

**IN CASE OF EMERGENCY:** 1 (604) 857 0300

## SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	LD <sub>50</sub> OF INGREDIENT SPECIFY SPECIES & ROUTE)
Calcium Carbonate	471-34-1	LD <sub>50</sub> (oral, rat) 6450 mg/kg

## SECTION 3 – FIRST AID MEASURES

**INHALATION:** Move victim to fresh air. Give artificial respiration ONLY if breathing has stopped, assist breathing with oxygen. Obtain medical assistance immediately.

**SKIN CONTACT:** Thoroughly wash the affected area with mild soap and water for fifteen (15) minutes. Seek medical attention if irritation persists.

**EYE CONTACT:** Flush eyes, including under the eyelids, with clean running water for at least fifteen (15) minutes. Seek medical attention if irritation persists.

**INGESTION:** Do not attempt to give anything by mouth to unconscious victim. If victim is alert and not convulsing, rinse mouth and give water to dilute material. Do not induce vomiting. If vomiting occurs, have victim lean forward with head down to avoid breathing in vomit, rinse mouth. Obtain medical attention immediately.

## SECTION 4 – FIRE & EXPLOSION DATA

**FLAMMABLE:** NAP

**IF YES, UNDER WHAT CONDITIONS?** Product is not combustible; however, it can contribute to combustion as a fuel source.

**MEANS OF EXTINCTION:** Use extinguishing media appropriate for surrounding fire.

**SPECIAL PROCEDURES:** Remove containers from fire area if possible without risk. Apply water from distance as far as possible.

<b>FLASHPOINT (°C) &amp; METHOD:</b>	NAV	<b>AUTO IGNITION TEMPERATURE (°C)</b>	NAV
<b>LOWER FLAMMABLE LIMIT (% V):</b>	NAV	<b>UPPER FLAMMABLE LIMIT (% by volume):</b>	NAV
<b>SENSITIVITY TO IMPACT:</b>	Some evidence	<b>SENSITIVITY TO STATIC DISCHARGE:</b>	No evidence

## SECTION 5 – ACCIDENTAL RELEASE DATA

Isolate hazard area. Ventilate area of spill or leak. Remove all sources of ignition. Wear appropriate personal protective equipment. Keep unnecessary and unprotected personnel from entering. Contain and recover spilled material where possible in to containers for later disposal.

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## SECTION 6 – STORAGE & HANDLING

**STORAGE REQUIREMENTS:** Protect against physical damage. Store in cool, dry place away from heat sources. Keep separate from incompatible materials.

**HANDLING PROCEDURES:** Use containment whenever possible and personal protective equipment where splashing or potential for contact exists. Eating, drinking and smoking should be prohibited in areas where this material is handled, store and processed. Workers should wash hand and face before eating, drinking or smoking.

## SECTION 7 – PERSONAL PROTECTIVE/PERVENTING MEASURES

**Hands wear:** Water resistant rubber type gloves (latex, nitrite, PVC).

**Respirator:** Wear- NIOSH approved dust filter cartridge to remove spray dust where dust is visually **airborne**.

**Eye:** Wear goggles,

**Foot:** Wear work boot/rubber boots,

**Clothing:** Long sleeve and pants. No special clothing required.

**ENGINEERING CONTROLS:** Use containment whenever possible, and good general ventilation.

## SECTION 8 – PHYSICO-CHEMICAL PROPERTIES

**PYSICAL STATE:** Liquid

**ODOUR & APPEARANCE:** Yellowish liquid may have slight odor.

**pH:** 1.7 – 2.5

**SPECIFIC GRAVITY:** 1.10 g/cm<sup>3</sup>

**BOILING POINT:** >100°C

**SOLUBILTY (in water):** Soluble in water

## SECTION 9 – REACTIVITY DATA

**CHEMICAL STABILITY:** Stable at room temperature in closed containers and under normal storage and handling conditions.

**REACTIVITY AND UNDER WHAT CONDITIONS:** Keep away from ignition sources, shock, water/moisture, heat and incompatible materials.

**HAZARDOUS COMBUSTION PRODUCTS:** None known

**INCOMPATIBILITY:** Strong acids (will cause the release of sulphur dioxide, a severe respiratory hazard).

**CORROSIVE BEHAVIOUR:** NAV

**HAZARDOUS DECOMPOSITION PRODUCTS:** Please see Hazardous combustion products.

## SECTION 10 – TOXICOLOGICAL PROPERTIES

**ROUTES OF ENTRY:**

<b>SKIN CONTACT:</b>	Yes	<b>SKIN ABSORPTION:</b>	Yes	<b>EYE CONTACT:</b>	Yes	<b>INHALATION:</b>	Yes	<b>INGESTION:</b>	Yes
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**EFFECTS OF ACUTE EXPOSURE TO PRODUCT:**

**INGESTION:** Ingestion of large amounts may cause gastrointestinal irritation characterized by abdominal cramps, nausea and vomiting. Ingestion may also cause headaches, laboured breathing, confusion and dizziness.

**INHALATION:** Repeated exposure to this product can cause respiratory track irritation. Can cause acute pulmonary edema.

**EYE CONTACT:** Cause eye irritation.

**SKIN CONTACT:** Contact with skin may cause skin irritation.

**EFFECTS OF CHRONIC EXPOSURE:** NAV

<b>CARCINOGENICITY:</b>	No evidence	<b>MUTAGEN CITY:</b>	No evidence
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<b>REPRODUCTIVE HAZARD:</b>	No evidence	<b>TERATOGENICITY:</b>	No evidence
<b>IRRITANCY:</b>	Mild irritancy	<b>SENSITIZATION:</b>	Possible skin reddening if not washed off affected area.
<b>SYNERGISTIC PRODUCTS:</b>	NAV		

**SECTION 11 – ECOLOGICAL INFORMATION**

Not available

**SECTION 12 – DISPOSABLE MEASURES**

**WASTE DISPOSAL:** Dispose of this product as an industrial fertilizer. Reclaim waste where possible. Dispose of unsalvageable waste as required by applicable federal, state, and local regulations. Contact your supplier or a licensed chemical waste disposal contractor for treatment and disposal services

**LEAK AND SPILL PROCEDURE:** Isolate hazard area. Ventilate area of spill or leak. Remove all sources of ignition. Wear appropriate personal protective equipment. Keep unnecessary and unprotected personnel from entering. Contain and recover spilled material where possible in to containers for later disposal.

**SECTION 13 – REGULATOR & SHIPPING INFORMATION****SHIPPING INFORMATION**

**US and Canada:** Not regulated

**International Shipping:** Not regulated

**TDG:** Not regulated.

**IATA:** Not regulated

**Oxidizing liquid, NOS, UN3139, class 5.1, Packing Group III.**

**SECTION 14 – OTHER INFORMATION****ADDITIONAL INFORMATION:**

At the time of preparation, the information and data contained in this MSDS are believed to be accurate and have been compiled from sources that are believed to be reliable.

**PREPARED BY:** Greentek Fertilizer Inc.

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March, 2017

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