



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

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

PRODUCT USE: Liquid Fertilizer

MANUFACTURER'S NAME: Agrisol Manufacturing Inc. **SUPPLIER'S NAME:** Same as manufacturer

ADDRESS: 3254-B, 262 Street,
Alder grove , BC, V4W 2X2
Canada **ADDRESS:** Same as manufacturer

IN CASE OF EMERGENCY: 1(604) 805-2417

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	LD ₅₀ OF INGREDIENT SPECIFY SPECIES & ROUTE)
Calcium Carbonate	471-34-1	LD ₅₀ (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.

FLASHPOINT (°C) & METHOD:	NAV	AUTO IGNITION TEMPERATURE (°C)	NAV
LOWER FLAMMABLE LIMIT (% V):	NAV	UPPER FLAMMABLE LIMIT (% by volume):	NAV
SENSITIVITY TO IMPACT:	Some evidence	SENSITIVITY TO STATIC DISCHARGE:	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/cm³

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:

SKIN CONTACT:	Yes	SKIN ABSORPTION:	Yes	EYE CONTACT:	Yes	INHALATION:	Yes	INGESTION:	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

CARCINOGENICITY:	No evidence	MUTAGEN CITY:	No evidence
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REPRODUCTIVE HAZARD:	No evidence	TERATOGENICITY:	No evidence
IRRITANCY:	Mild irritancy	SENSITIZATION:	Possible skin reddening if not washed off affected area.
SYNERGISTIC PRODUCTS:	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: Agrisol Manufacturing Inc.

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