



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT COMPANY & USE

**PRODUCT IDENTIFIER:** Root Care 0-0-1

**PRODUCT USE:** Plant Nutrient Supplement      **SUPPLIER'S NAME:** Same as manufacturer

**MANUFACTURER'S NAME:** Agrisol Manufacturing Inc.      **ADDRESS:**

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

**Emergency Phone No:** (604)-805-2417

## SECTION 2 – INGREDIENTS

Ingredients	CAS #	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES & ROUTE)
Liquid Humic Acid	NAP	NAP

## SECTION 3 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES & ROUTE)
Does not contain any hazardous ingredient.	NAP	NAP

## 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?** Even though product is not combustible, it can contribute to combustion as a source of fuel.

**MEANS OF EXTINCTION:** Water, Fog, Foam, Dry Chemical, CO<sub>2</sub> .

**SPECIAL PROCEDURES:** If possible remove containers from fire area without risk. Spray water from as far a distance as possible.

**LOWER & UPPER FLAMMABLE LIMIT (% by volume):** NAV

**SENSITIVITY TO IMPACT:** Some evidence

**SENSITIVITY TO STATIC DISCHARGE:** No evidence

**HAZARDOUS COMBUSTION PRODUCTS:** At extreme temperatures, Carbon oxides may be evolved.

## SECTION 5 – ACCIDENTAL RELEASE DATA

Cleanup personnel should wear personal protective equipment as necessary to prevent skin/eye contact. Absorb the liquid with sheets of snake and place into suitable container for reclamation or disposal. Rinse surface with water but do not let it enter into any water source.

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**SECTION 6 STORAGE & HANDLING**

**STORAGE REQUIREMENTS:** Should be stored in its original containers in a cool dry location to minimize product expansion and possible leakage.

**HANDLING PROCEDURES:** Do not handle unless safety precaution have been read and understood, avoid eye and skin contact. Avoid inhalation of dust or vapors. Do not puncture, drag or slide container.

**SECTION 7 – PERSONAL PROTECTIVE/PERVENTIVE MEASURES****PERSONAL PROTECTIVE EQUIPMENT:**

**Hands:** Wear water resistant rubber type gloves (latex, nitrile, PVC).

**Respirator:** Wear- NIOSH approved respirator,

**Eye:** Wear goggles, Foot-wear work boot/rubber boots,

**Clothing:** Long sleeve and pants - no special clothing required.

**ENGINEERING CONTROLS:** General mechanical ventilation is adequate.

**SECTION 8 –PHYSICO-CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOUR & APPEARANCE:** Thick black liquid

**pH:** 8.0 – 8.5

**SPECIFIC GRAVITY:** 1.05 g/ml

**BOILING POINT (°C):** 100 °C

**SOLUBILITY (in water):** Soluble in water

**SECTION 10 – 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 DECOMPOSITION PRODUCTS:** At extreme high temperatures, CO an oxidation product may be evolved.

**INCOMPATIBILITY:** NAV

**CORROSIVE BEHAVIOUR:** No

**SECTION 11- TOXICOLOGICAL PROPERTIES****ROUTES OF ENTRY:**

**SKIN CONTACT:** Yes

**SKIN ABSORPTION:** Yes

**EYE CONTACT:** Yes

**INHALATION:** Yes

**INGESTION:** Yes

**EFFECTS OF ACUTE EXPOSURE TO PRODUCT**

**INGESTION:** Stomach disorders are possible.

**INHALATION:** May cause lung congestion if breathed long period of time.

**EYE CONTACT:** Cause eye irritation.

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

**EFFECTS OF CHRONIC EXPOSURE:** NAV

**CARCINOGENICITY & MUTAGENICITY:** No evidence

**REPRODUCTIVE HAZARD & TERATOGENICITY:** No evidence

**IRRITANCY:** Mild irritancy

**SENSITIZATION:** Possible skin reddening if not washed off affected area.

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**SECTION 12 – ECOLOGICAL INFORMATION**

Not available

**SECTION 13 – DISPOSAL MEASURES**

Dispose of unsalvageable waste as required by applicable federal, state, and local regulations.

**SECTION 13 – REGULATORY & SHIPPING INFORMATION****WHMIS Hazard Class:****US and Canada:** Not regulated**International Shipping:** Not regulated**TDG:** Not regulated.**IATA:** Not regulated**SECTION 14 – OTHER INFORMATION****Disclaimer:** 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.,

3254-B, 262 Street,

Alder grove , BC, V4W 2X2

**Canada****BUSINESS No.:** 604-607-1344**DATE:** August, 2017