



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT COMPANY & USE

<b>PRODUCT IDENTIFIER:</b>	NutriFish 3-1-2		
<b>PRODUCT USE:</b>	Liquid Organic Fertilizer	<b>SUPPLIER'S NAME:</b>	Same as manufacturer
<b>MANUFACTURER'S NAME:</b>	Agrisol Manufacturing Inc.	<b>ADDRESS:</b>	
<b>ADDRESS:</b>	3254-B, 262 Street, Alder grove , BC, V4W 2X2 Canada		
<b>Emergency Phone No:</b>	(604)-805-2417		

## SECTION 2 – INGREDIENTS

INGREDIENTS	CAS #	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES & ROUTE)
Fish Concentrate	NA	NAP
Amino Acid 80	NA	NAP
Active FC Soil Amendments & Fertilizer Enhancer	NA	NAP
Potassium Sulfate	7778-80-5	LD <sub>50</sub> (rat, oral) >6,600 mg/kg
Citric Acid	77-92-9	

## 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 AND 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.

## SECTION 5 – ACCIDENTAL RELEASE DATA

Cleanup personnel should wear personal protective equipment as necessary to prevent skin/eye contact. Place into suitable container for reclamation or disposal. Damp mop any residues.

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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 PRPTECTIVE/PRVENTIVE 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:** Use containment whenever possible, and good general ventilation.

## SECTION 8 - PHYSICO-CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOUR & APPEARANCE:** Fish odor, thick brown liquid

**pH:** 3.5- 4.0

**SPECIFIC GRAVITY:** 1.08 g/ml

**SOLUBILITY (in water):** Partially 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.

**CORROSIVE BEHAVIOUR:** Corrosive

**INCOMPATIBILITY:** NAV

**HAZARDOUS COMBUSTION PRODUCTS:** None known

## SECTION 10 – TOXICOLGY INFORMATION

### ROUTES OF ENTRY:

**SKIN CONTACT & ABSORPTION:** Yes

**EYE CONTACT:** Yes

**INHALATION:** Yes

**INGESTION:** Yes

### 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, labored 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 & 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 INFORMATION

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.

## SECTION 14 – OTHER INFORMATION

**WHMIS Hazard Class:**

**US and Canada:** Not regulated

**International Shipping:** Not regulated

**TDG:** Not regulated.

**IATA:** Not regulated

**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.,

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