

EcoFert Consulting Inc  
**MATERIAL SAFETY DATA SHEET**

**SECTION 1 – PRODUCT IDENTIFICATION AND USE**

<b>PRODUCT IDENTIFIER:</b>	EcoGrow		
<b>PRODUCT USE:</b>	Supply Nitrogen, Phosphorous, Potassium, Calcium and Magnesium for plant growth.	<b>WHMIS CLASSIFICATION:</b>	Class D2-B
<b>MANUFACTURER'S NAME:</b>	EcoFert Consulting Inc	<b>SUPPLIER'S NAME:</b>	Same as manufacturer
<b>ADDRESS:</b>	2975-700 West Georgia Street, Vancouver, B.C V7Y 1A1	<b>ADDRESS:</b>	Same as manufacturer
<b>IN CASE OF EMERGENCY:</b> (604) 568 2774			

**SECTION 2 – HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENTS	%	CAS #	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
NONE				

**SECTION 3 – PHYSICAL DATA**

<b>PHYSICAL STATE:</b>	Liquid	<b>ODOUR &amp; APPEARANCE</b>	Golden Color, Oderless liquid
<b>ODOUR THRESHOLD (ppm):</b>	NAV	<b>VAPOUR PRESSURE (mmHg):</b>	NA
<b>VAPOUR DENSITY (air=1):</b>	NA	<b>SPECIFIC GRAVITY:</b>	1.12 g/cm <sup>3</sup>
<b>pH:</b>	4.9	<b>BOILING POINT (°C)</b>	NA
<b>FREEZING POINT (°C)</b>	NA	<b>EVAPORATION RATE:</b>	NA
<b>COEFF. WATER/OIL DIST</b>	NA	<b>SOLUBILITY (in water):</b>	Highly soluble in water

**SECTION 4 – FIRE AND EXPLOSION DATA**

<b>FLAMMABLE:</b>	Product is not flammable		
<b>IF YES, UNDER WHAT CONDITIONS?</b>			
<b>MEANS OF EXTINCTION:</b>	Use water, Fog, Foam, Dry Chemical or CO <sub>2</sub> for fires involving this product		
<b>SPECIAL PROCEDURES:</b>	Remove the product from the combustion area if possible		
<b>FLASHPOINT (°C) &amp; METHOD:</b>	NA	<b>AUTOIGNITION TEMPERATURE (°C)</b>	NA
<b>LOWER FLAMMABLE LIMIT (% by volume):</b>	NA	<b>UPPER FLAMMABLE LIMIT (% by volume):</b>	NA
<b>SENSITIVITY TO IMPACT:</b>	NA	<b>SENSITIVITY TO STATIC DISCHARGE:</b>	NA

<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Oxides of Nitrogen, Phosphorous, Potassium, Calcium, Magnesium and Carbon		
<b>SECTION 5 – REACTIVITY DATA</b>			
<b>CHEMICAL STABILITY:</b>	Product is stable under normal storage conditions		
<b>INCOMPATIBILITY:</b>	Avoid strong acids and alkalines	<b>CORROSIVE BEHAVIOUR</b> :	Very slightly
<b>REACTIVITY AND UNDER WHAT CONDITIONS:</b>	NAV		
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Oxides of Calcium and Magnesium		

**MATERIAL SAFETY DATA SHEET:**

page 2 of 3

<b>SECTION 6 – TOXICOLOGICAL PROPERTIES</b>									
<b>ROUTES OF ENTRY:</b>									
<b>SKIN CONTACT:</b>	Yes	<b>SKIN ABSORPTION:</b>	No	<b>EYE CONTACT:</b>	Yes	<b>INHALATION:</b>	No	<b>INGESTION:</b>	Yes
<b>EFFECTS OF ACUTE EXPOSURE TO PRODUCT:</b>									
<b>INGESTION:</b>	Ingestion could cause abdominal cramps and possible methemoglobinemia. Conditions aggravated/target organs: Persons with pre-existing conditions may be more susceptible. Also can cause abdominal pain and vomiting.								
<b>INHALATION:</b>	Normally not a route of entry. In the case of spraying, vapor can cause respiratory track irritation								
<b>EYE CONTACT:</b>	May cause eye irritation.								
<b>SKIN CONTACT:</b>	Contact with skin may cause skin irritation.								
<b>EFFECTS OF CHRONIC EXPOSURE:</b> NAV									
<b>EXPOSURE STANDARDS:</b>									
		<b>MUTAGENICITY:</b>	No evidence						
<b>REPRODUCTIVE HAZARD:</b>	No evidence	<b>TERATOGENICITY:</b>	No evidence						
<b>IRRITANCY:</b>	May cause eye irritancy	<b>SENSITIZATION:</b>	NAV						
<b>SYNERGISTIC PRODUCTS:</b>	NAV								
<b>SECTION 7 – PREVENTIVE MEASURES</b>									
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	<b>Hands:</b> Use protective gloves -latex, nitrile, PVC. <b>Respiratory:</b> If spray dust occurs use a protective mask, <b>Eye</b> – If spray dust occurs wear goggles, <b>Foot</b> -wear work boot/rubber boots when spraying, <b>Clothing</b> – No special clothing required.								
<b>ENGINEERING CONTROLS:</b>	Normal ventilation is sufficient								
<b>HANDLING PROCEDURES:</b>	Normal handling								

EcoFert Consulting Inc

<b>STORAGE REQUIREMENTS:</b>	Normal storage conditions
<b>LEAK AND SPILL PROCEDURE:</b>	Small spills-Dilute with water and mop up or use dry inert material to absorb it and place in an appropriate waste basket. Large spills – Use a vacuum first and then use mop up procedure or dry inert materials to finish up.
<b>WASTE DISPOSAL:</b>	Use federal, provincial or local regulations
<b>SHIPPING INFORMATION:</b>	Not regulated by TDG, IATA-DGR Class and IMDG code

**SECTION 8 – FIRST AID MEASURES**

<b>INHALATION:</b>	If inhaled move the victim to fresh air, If breathing has stopped give artificial ventilation. Get medical attention immediately.
<b>SKIN CONTACT:</b>	Remove clothing immediately and wash off with plenty of water at least for 15 minutes. If irritation observe get medical attention.
<b>EYE CONTACT:</b>	Remove contact lenses, if wearing. Wash eyes with plenty of water at least for 15 minutes. If irritation occurs, get medical attention immediately.
<b>INGESTION:</b>	Do not induce vomiting without medical attention. Do not give water for a unconscious person without medical advice. If vomiting, abdominal pain observed get the medical attention immediately.

**SECTION 9 – PREPARATION DATE OF MSDS**

<b>PREPARED BY:</b> EcoFert Consulting Inc	<b>ADDITIONAL INFORMATION:</b> To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
<b>DATE:</b> 15.04.2009	