

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Emulsifiable Concentrate Sprout Inhibitor
Product Use: Potato Sprout Inhibitor
WHMIS Class: Exempt - Registered product - (PCP 27971)
TDG Classification: Not regulated as dangerous goods.
Manufacturer/Supplier: Ag-Services Inc.
RR 1
Mitchell, ON N0K 1N0 CA
Phone (519) 229-6669
Emergency Phone: 1-613-996-6666 (CANUTEC)

LEGEND HMIS/NFPA		Health	*	2
Severe	4	Flammability	0	
Serious	3	Physical Hazard	0	
Moderate	2	Personal Protection	B	
Slight	1			
Minimal	0			



SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Chlorpropham	101-21-3	30 - 60	Not established	32 mg/l/4h rat	1200 mg/kg rat; 5000 mg/kg rabbit

SECTION III - PHYSICAL DATA

Boiling Point:	Not available	Specific Gravity:	1 @ 24°C
Freezing Point:	Not available	Coefficient of Water/Oil Distribution:	Not available
Vapour Pressure:	Not available	% Volatile:	Not available
Vapour Density:	Not available	Evaporation Rate:	Not available
Solubility in Water:	Emulsifiable	pH:	7.8
Physical State:	Liquid	Viscosity:	Slightly viscous
Appearance:	Yellow Liquid	Odour Threshold:	Not available
Odour:	Characteristic		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Not flammable by WHMIS criteria.				
Flash Point:	> 93.3 °C (> 199.94 °F)	LEL:	Not available	UEL:	Not available
Hazardous Combustion Products:	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen chloride. Chlorine gas. Phosgene.				
Autoignition Temperature:	Not available				
Explosion Data:					
Sensitivity to Mechanical Impact:	Not available				
Sensitivity to Static Discharge:	Not available				
Means of Extinction:	Dry chemical. Alcohol foam. Carbon dioxide. Fog.				
Special Fire Hazards:	Firefighters should wear a self-contained breathing apparatus.				

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable under recommended storage conditions.
Incompatible Materials:	Oxidizers. Caustics. Acids.
Reactivity, and Under What Conditions:	Do not mix with other chemicals.
Hazardous Decomposition Products:	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen chloride. Chlorine gas. Phosgene.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: Causes irritation.
Skin: Causes irritation. May be absorbed through the skin.

Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Overexposure to chlorpropham may result in methemoglobinemia.

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: Hazardous by WHMIS criteria.
Respiratory Tract Sensitization: Non-hazardous by WHMIS criteria.
Carcinogenicity: Non-hazardous by WHMIS criteria.
Teratogenicity: Non-hazardous by WHMIS criteria.
Mutagenicity: Non-hazardous by WHMIS criteria.
Reproductive Effects: Non-hazardous by WHMIS criteria.
Name of Toxicologically Synergistic Products: Not available

SECTION VII - PREVENTATIVE MEASURES

Gloves: Rubber gloves. Confirm with a reputable supplier first.
Eye Protection: Wear safety glasses with side shields.
Respiratory Protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
Other Protective Equipment: As required by employer code.
Engineering Controls: General ventilation normally adequate.
Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal: Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instruction for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.
Handling Requirements: Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Storage Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION VIII - FIRST AID

Eye: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin: If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion: If swallowed, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

SECTION IX - PREPARATION INFORMATION

Effective Date: 15-Apr-2011

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Prepared By: Dell Tech Laboratories Ltd. (519) 858-5021

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