


## MATERIAL SAFETY DATA SHEET

### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT IDENTIFIER</b>		<b>ACTIVE BORON 6 % B</b>					
<b>PRODUCT USE</b>		MICRONUTRIENT FERTILIZER		<b>USE RESTRICTIONS</b>		Use only as labeled	
<b>MANUFACTURERS NAME</b>		Active AgriScience Inc.		<b>DISTRIBUTORS NAME</b>			
<b>STREET ADDRESS</b>		209-31136 Peardonville Rd		<b>STREET ADDRESS</b>			
<b>CITY</b>	Abbotsford	<b>PROVINCE</b>	British Columbia, Canada	<b>CITY</b>		<b>PROVINCE</b>	
<b>POSTAL CODE</b>	V2T 6K2	<b>EMERGENCY TELEPHONE</b>	855-400-0154	<b>POSTAL CODE</b>		<b>EMERGENCY TELEPHONE</b>	
<b>DATE</b>	Feb 24, 2017	<b>PREPARED BY</b>	Active AgriScience Inc.			<b>PHONE NUMBER</b>	

### SECTION 2 – HAZARDS IDENTIFICATION

<b>CLASSIFICATION:</b>							
<ul style="list-style-type: none"> <li>WHMIS 2015</li> <li>OSHA Hazard Communication Standard 2012</li> </ul>		Reproductive toxicity (Category 1B)					
 <p><b>DANGER</b></p>		<b>HAZARD STATEMENTS</b>		<p><b>PRECATIONARY STATEMENTS:</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing / eye protection / face protection.</p> <p><b>FIRST AID:</b> IF exposed or concerned: get medical advice.</p> <p><b>STORAGE:</b> Store locked up.</p> <p><b>DISPOSAL:</b> Dispose of contents/container in accordance with Federal, State, Provincial and local regulations</p>			
		May damage fertility or the unborn child					

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<b>HAZARDOUS INGREDIENTS</b>	<b>CAS#</b>	<b>CONCENTRATION</b>
Boric acid	10043-35-3	10%

### SECTION 4 – FIRST AID MEASURES

<b>EYE CONTACT</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Get medical advice / attention if symptoms persist
<b>SKIN CONTACT</b>	IF ON SKIN: Wash with plenty of water. Get medical advice / attention if irritation persists.
<b>INHALATION</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing

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INGESTION		IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention			
MOST IMPORTANT SYMPTOMS – ACUTE & DELAYED		Animal testing has indicated that boron is a male/female reproductive effector. The substance may be also affect the kidneys, cardiovascular system, and central nervous system (CNS). Repeated or prolonged exposure to boron may produce target organ damage			
SECTION 5 – FIRE FIGHTING MEASURES					
FLAMMABLE		Product will not burn or support fire			
MEANS OF EXTINCTION		Use extinguishing methods appropriate for the surrounding fire.			
FLASHPOINT & METHOD	NAP	UPPER FLAMMABLE LIMIT	NAP	LOWER FLAMMABILITY LIMIT	NAP
AUTO IGNITION TEMPERATURE	NAP	SENSITIVITY TO IMPACT	NAP	SENSITIVITY TO STATIC DISCHARGE	NAP
HAZARDOUS COMBUSTION PRODUCTS		Borane / boric oxides may be released during a fire			
SECTION 6 – ACCIDENTAL RELEASE MEASURES					
LEAK & SPILL PROCEDURES	Wear personal protective equipment outlined in SECTION 8. Ventilate area of spill. Avoid breathing mists. Contain spill then adsorb with inert material and place into suitable clean containers for later disposal. Do not release into drains or the environment				
SECTION 7 – HANDLING AND STORAGE					
HANDLING	Do not handle until all safety precautions have been read and understood. Do not breathe mist/spray. Wear protective gloves, clothing/eye protection/face protection – See SECTION 8 Do not get in eyes, on skin, or on clothing.				
STORAGE	Store locked up. Keep away from incompatibles				
SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION					
EXPOSURE LIMITS	Exposure Limits	ACGIH Not available	NIOSH Not available	OSHA – Final PEL’s Not available	
ENGINEERING CONTROLS	Ensure adequate ventilation when handling or applying this product. If mists are present and ventilation is absent or poor, use an air purifying respirator				

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#### PERSONAL PROTECTIVE EQUIPMENT

<b>Skin</b>	Wear chemical resistant gloves, and coveralls when handling or applying this product.
<b>Eyes</b>	Wear chemical goggles or safety glasses with side shields when handling or applying product
<b>Respirator</b>	Wear a NIOSH approved air purifying respirator if mists are present and ventilation is absent or poor

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Liquid	<b>APPEARANCE</b>	NAV	<b>COLOUR</b>	NAV
<b>SPECIFIC GRAVITY</b>	NAV	<b>BOILING POINT</b>	NAV	<b>FREEZING POINT</b>	NAV
<b>EVAPORATION RATE</b>	NAV	<b>SPECIFIC GRAVITY</b>	1.20-1.25 g/cm <sup>3</sup>	<b>ODOUR</b>	NAV
<b>PH</b>	NAV	<b>SOLUBILITY IN WATER</b>	Soluble	<b>ODOUR THRESHHOLD</b>	NAV

#### SECTION 10 – STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY</b>	Stable under normal conditions of use and storage
<b>INCOMPATABILITY WITH OTHER SUBSTANCES</b>	Not available
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Borane / boric oxides may be released during a fire

#### SECTION 11 – TOXICOLOGICAL INFORMATION

<b>ACUTE TOXICITY</b>	Boric Acid is not acutely toxic by GHS classification standards
<b>CHRONIC TOXICITY</b>	Repeated or prolonged exposure to boron may produce target organ damage (kidneys, cardiovascular system, and central nervous system)
<b>IRRITANCY OF PRODUCT</b>	May cause eye, skin, respiratory and gastrointestinal irritation
<b>SENSITIZATION</b>	NAV
<b>CARCINOGENICITY</b>	Not classified or listed by IARC, NTP, or ACGIH as a suspected or probable carcinogen
<b>REPRODUCTIVE TOXICITY</b>	May damage fertility. May harm the unborn child
<b>MUTAGENICITY</b>	Some evidence in microorganisms

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### **ACTIVE BORON 6 % B**

#### **SECTION 12 – ECOLOGICAL INFORMATION**

<b>ECOTOXICITY</b>	Not available
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#### **SECTION 13 – DISPOSAL CONSIDERATIONS**

<b>WASTE DISPOSAL</b>	Dispose of this product in accordance with Federal, Provincial and municipal regulations.
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#### **SECTION 14 – TRANSPORT INFORMATION**

<b>SHIPPING</b>	TDG: Not regulated for transport DOT: Not regulated for transport
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#### **SECTION 15 – REGULATORY INFORMATION**

This SDS is prepared to comply with the Global Harmonized System of Chemical Classification and Labeling (GHS) and conforms to the requirements of the Hazard Products Act and Regulations (WHMIS 2015) and the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### **SECTION 16 – OTHER INFORMATION**

*As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable laws. However, no warranty or representation of law or fact, with respect to such information is intended or given*