



ACTIVE
AgriScience


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#209 - 31136 Peardonville Rd,
Abbotsford, BC,
V2T 6K2, Canada
activeagriscience.com

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER		ACTIVE BORON 10% B					
PRODUCT USE		MICRONUTRIENT FERTILIZER		USE RESTRICTIONS		Use only as labeled	
MANUFACTURERS NAME		Active AgriScience Inc.		DISTRIBUTORS NAME			
STREET ADDRESS		209-31136 Peardonville Rd		STREET ADDRESS			
CITY	Abbotsford	PROVINCE	British Columbia, Canada	CITY		PROVINCE	
POSTAL CODE	V2T 6K2	EMERGENCY TELEPHONE	855-400-0154	POSTAL CODE		EMERGENCY TELEPHONE	
DATE	Feb 24, 2017	PREPARED BY	Active AgriScience Inc.			PHONE NUMBER	

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION:		Reproductive toxicity (Category 1B)
<ul style="list-style-type: none"> • WHMIS 2015 • OSHA Hazard Communication Standard 2012 		
 DANGER		HAZARD STATEMENTS May damage fertility or the unborn child PRECAUTIONARY STATEMENTS: 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. FIRST AID: IF exposed or concerned: get medical advice. STORAGE: Store locked up. DISPOSAL: Dispose of contents/container in accordance with Federal, State, Provincial and local regulations

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS#	CONCENTRATION
Boric acid	10043-35-3	10%

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	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
SKIN CONTACT	IF ON SKIN: Wash with plenty of water. Get medical advice / attention if irritation persists.
INHALATION	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
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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	<table border="0"> <tr> <td>Exposure Limits</td> <td>ACGIH</td> <td>NIOSH</td> <td>OSHA – Final PEL's</td> </tr> <tr> <td></td> <td>Not available</td> <td>Not available</td> <td>Not available</td> </tr> </table>	Exposure Limits	ACGIH	NIOSH	OSHA – Final PEL's		Not available	Not available	Not available
Exposure Limits	ACGIH	NIOSH	OSHA – Final PEL's						
	Not available	Not available	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

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10 – STABILITY AND REACTIVITY

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

SECTION 11 – TOXICOLOGICAL INFORMATION

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



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SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	Not available
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of this product in accordance with Federal, Provincial and municipal regulations.
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SECTION 14 – TRANSPORT INFORMATION

SHIPPING	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