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AgriScience

TECHNOLOGY PAST THE POINT OF NUTRITION

1-639-398-0485  
3422 Millar Ave,  
Saskatoon, SK,  
S7K 5Y7, Canada  
[activeagriscience.com](http://activeagriscience.com)

# SAFETY DATA SHEET

*Active Boron 10% B*

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT IDENTIFIER	<b>Active Boron 10% B</b>
PRODUCT USE	Agricultural fertiliser
MANUFACTURERS NAME	Opal Australasia
ADDRESS	7 Yeates Road, Kwinana Beach, WA 6167, Australia
DATE	Feb. 13, 2024
EMERGENCY TELEPHONE	+1800 039 008
PREPARED BY	Active AgriScience Inc.
USE RESTRICTIONS	For professional use only. Use only as labeled.
DISTRIBUTORS NAME	
STREET ADDRESS	
CITY	
POSTAL CODE	
COUNTRY	
EMERGENCY TELEPHONE	




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### SECTION 2 – HAZARDS IDENTIFICATION

#### GHS CLASSIFICATION

HPR (WHMIS 2015)	<b>Skin corrosion / Irritation:</b> Category 1A <b>Reproductive toxicity:</b> Category 1B
OSHA Hazard Communication Standard (29 CFR 1910.1200)	<b>Skin corrosion / Irritation:</b> Category 1A <b>Reproductive toxicity:</b> Category 1B
	<p><b>HAZARD STATEMENTS:</b> CAUSES SEVERE BURNS AND EYE DAMAGE. MAY DAMAGE FERTILITY OR THE UNBORN CHILD. <b>PRECAUTIONARY STATEMENTS:</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear chemical resistant gloves, coveralls, goggles, and face protection. Change gloves frequently. If mists are present and ventilation is absent or poor, use an air purifying respirator. Do not eat, drink or smoke when using this product. Wash up thoroughly before eating, drinking, smoking and leaving work <b>IF SWALLOWED:</b> Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor. <b>IF ON SKIN:</b> Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Seek immediate medical attention. <b>IF INHALED:</b> Remove person to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell. <b>IF IN EYES:</b> Immediately flush eyes with a gentle stream of water for 15 minutes while holding the upper and lower eyelids open. Remove contact lenses, if present and easy to do. Seek immediate medical attention. <b>STORAGE:</b> KEEP OUT OF REACH OF CHILDREN. Store locked up in a cool, dry, well ventilated area away from food or feed storage. DO NOT FREEZE. <b>DISPOSAL:</b> Dispose of this product and its container in accordance with Federal, Provincial, and Local regulations.</p>

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	CONCENTRATION
Boric acid	10043-35-3	50-60%



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#### SECTION 4 – FIRST AID MEASURES

<b>EYE CONTACT</b>	Immediately flush eyes with a gentle stream of water for 15 minutes while holding the upper and lower eyelids open. Remove contact lenses, if present and easy to do. <b>Seek immediate medical attention.</b>
<b>SKIN CONTACT</b>	Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. <b>Seek immediate medical attention.</b>
<b>INHALATION</b>	Remove person to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.
<b>INGESTION</b>	Rinse mouth. Do NOT induce vomiting. <b>Immediately call a POISON CENTRE/doctor.</b>
<b>Most Important Symptoms, both acute &amp; delayed</b>	Causes severe burns and eye damage. May damage fertility or the unborn child.

#### SECTION 5 – FIRE FIGHTING MEASURES

<b>FLAMMABLE</b>	Product will not burn or support combustion.
<b>MEANS OF EXTINCTION</b>	Use extinguishing methods appropriate for the surrounding fire.
<b>FLASHPOINT &amp; METHOD</b>	NAP
<b>UPPER FLAMMABLE LIMIT</b>	NAP
<b>LOWER FLAMMABILITY LIMIT</b>	NAP
<b>AUTO IGNITION TEMPERATURE</b>	NAP
<b>SENSITIVITY TO IMPACT</b>	NAP
<b>SENSITIVITY TO STATIC DISCHARGE</b>	NAP
<b>HAZARDOUS COMBUSTION PRODUCTS</b>	Borane / boric oxides may be released during a fire.



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#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>LEAK &amp; SPILL PROCEDURES</b>	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

<b>HANDLING</b>	Wear personal protective equipment in SECTION 8. Do not handle until all safety precautions have been read and understood. Do not breathe mist/spray. Do not get in eyes, or skin. If mists are present and ventilation is poor or absent, wear an air purifying respirator. Wash hands and other exposed areas before eating, drinking, smoking and when leaving work
<b>STORAGE</b>	KEEP OUT OF REACH OF CHILDREN. Store locked up in a cool, dry, well ventilated area away from food or feed storage. DO NOT FREEZE.

#### SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

<b>EXPOSURE LIMITS</b>	Not available.
<b>ENGINEERING CONTROLS</b>	Ensure adequate ventilation when handling or applying this product. Follow all label instructions. Follow manufacturers' instructions for cleaning / maintaining personal protective equipment. If mists are present and ventilation is absent or poor, use an air purifying respirator.
<b>PERSONAL PROTECTIVE EQUIPMENT</b>	
<b>Skin</b>	Wear chemical resistant gloves, face protection and coveralls when handling or applying this product. Change gloves frequently.
<b>Eyes</b>	Wear chemical resistant goggles when handling or applying this product.
<b>Respirator</b>	If mists are present and ventilation is absent or poor, use an air purifying respirator when handling or applying this product.



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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
COLOUR	Light Amber
BOILING POINT	NAV
EVAPORATION RATE	NAV
ODOUR	NAV
SOLUBILITY IN WATER	Soluble
APPEARANCE	Slightly opaque liquid
VISCOSITY	Slightly viscous
FREEZING POINT	NAV
SPECIFIC GRAVITY	1.2-1.25 g/cm <sup>3</sup>
pH	10.0-11.0
ODOUR THRESHHOLD	NAV

### SECTION 10 – STABILITY AND REACTIVITY

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



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## *Active Boron 10% B*

<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>	
<b>ACUTE TOXICITY</b>	Acute Oral: does not meet criteria. Acute Dermal: does not meet criteria.
<b>CHRONIC TOXICITY</b>	Repeated or prolonged exposure to boron may produce target organ damage (kidneys, cardiovascular system, and central nervous system).
<b>EYE / SKIN IRRITATION</b>	Causes severe burns and eye damage.
<b>SENSITIZATION</b>	Not available.
<b>CARCINOGENICITY</b>	No component of this product present at levels $\geq 0.1\%$ is identified as a probable, possible, or confirmed human carcinogen by IARC, or ACGIH.
<b>REPRODUCTIVE TOXICITY</b>	Boron exposure may damage fertility or the unborn child.
<b>MUTAGENICITY</b>	Some evidence in microorganisms.

<b>SECTION 12 – ECOLOGICAL INFORMATION</b>	
<b>ECOTOXICITY</b>	Not available.

<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>	
<b>WASTE DISPOSAL</b>	Dispose of this product and its container in accordance with Federal, Provincial, and Local regulations.

<b>SECTION 14 – TRANSPORT INFORMATION</b>	
<b>SHIPPING</b>	TDG: Not a dangerous good for transport. DOT: Not a dangerous good for transport.

<b>SECTION 15 – REGULATORY INFORMATION</b>	
This SDS is prepared to comply with the Global Harmonized System of Chemical Classification and Labeling (GHS) and conforms to the requirements of HPR (WHMIS 2015) & OSHA Hazard Communication Standard (29 CFR 1910.1200).	



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## **SAFETY DATA SHEET**

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

To the best of our knowledge, the information contained herein is current and correct as of the date of this SDS, however, the information and recommendations are presented without warranty, representation or license of any kind, with respect to their accuracy, or completeness, and the seller, supplier and manufacturer (Supplier) of this material or their affiliates, disclaim all liability for reliance on such information and recommendations.

Final determination of the suitability of any material is the sole responsibility of the buyer or the user (recipient). All materials may present unknown hazards and should be used with caution. The recipient assumes all risk in connection with the use of this material and assumes all responsibility for ensuring the material is used in a safe manner in compliance with applicable environmental, health and safety laws.

The supplier does not warrant the merchantability of this material or the fitness of the material for any particular use and assumes no responsibility for injury or damage caused directly or indirectly by the use of this material.