



## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Name:** Opti-Trace Boron

**Other Names:** Opti-Trace Boron

**Uses:** For use as a fertiliser, plant growth stimulant and soil conditioner for agricultural and horticultural application.

**Revision Date:** Nov-21

**Organisation**

Hybrid Ag

**Location**

52 Buckler Road  
WANGARATTA VIC 3677  
AUSTRALIA

**Telephone**

61 3 5722 7555

Poisons Information Centre - Australia

13 11 26

CHEMCALL AUSTRALIA

1800 127 406

### 2. HAZARD IDENTIFICATION

**NON - Hazardous according to criteria of NOHSC/ASCC**

**Risk Phrases** NONE

**Safety Phrases**

**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S36/37/39** Wear suitable protective clothing, gloves and eye/face protection.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Typical Analysis	Percentage %
Boron	4.7%
Carbohydrates & Chelators	13.0%
Fulvic Acid	4.0%

### 4. FIRST AID MEASURES

**Inhalation:**

Not Applicable

**Eye Contact:**

Rinse opened eye for several minutes under running water. Seek medical advice if effects persist.

**Skin Contact:**

Remove any contaminated clothing and wash skin thoroughly with soap and water

**Ingestion:**

Rinse mouth and then drink plenty of water. Seek medical advice if effects persist.

**Medical Attention:**

Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Flammability:**

Product stable under normal conditions

**Hazards from combustion Products:**

May emit Carbon Monoxide

**Precautions for fire fighters and**

**Special protective equipment:**

Fire Fighters to wear self contained breathing apparatus and suitable protective clothing

**Suitable extinguishing media:**

Water jet, carbon dioxide or extinguishing powder:

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency Procedures:

Eliminate all sources of ignition. If contamination of waterways or sewers has occurred, advise the EPA or your local Waste management authority.

### Methods and materials for containment and clean up.

Wear protective equipment to prevent skin and eye contact and inhalation. Contain and hose down spill areas. Seal in properly labelled container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Wear protective clothing. Avoid skin and eye contact. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

### Conditions for safe storage:

Store in a cool, dry well ventilated place out of direct sunlight. Store away from incompatible materials including: acids, oxidising agents and sources of ignition. Keep containers closed when not in use. Inspect regularly for damage or leaks.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National Exposure Standards:

None established

### Engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating fumes and avoid spills. Use with local exhaust ventilation or while wearing protective clothing.

### Personal Protective Equipment

RESPIRATOR: If engineering controls are inadequate, wear an approved particulate respirator.

EYES: Safety glasses with side shields.

CLOTHING: Standard approved work uniform/clothing.

HANDS: Synthetic gloves.

Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark Brown Liquid
<b>Formula:</b>	Not Available
<b>Odour</b>	Not Available
<b>Solubility in water</b>	100% Soluble
<b>Specific Gravity</b>	1.183
<b>Flash Point</b>	Not Available
<b>pH(1% aq solution)</b>	Not Available
<b>Volatile Organic Compounds (VOC) content</b>	Not Available
<b>Viscosity</b>	Not Available
<b>Potential for Dust Explosion</b>	Not Applicable
<b>Decomposition Temperature</b>	Not Available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Avoid excessive heat, static discharge and sources of ignition.
<b>Incompatible Materials:</b>	Strong oxidising agents, acids and sources of ignition.
<b>Hazardous Decomposition Products</b>	None known
<b>Hazardous reactions:</b>	No dangerous reactions known.

## 11. TOXOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

<b>Toxicity data:</b>	Not considered harmful by inhalation, ingestion or skin absorption.
<b>Ingestion:</b>	No adverse effects expected, however if large amounts are consumed nausea and vomiting may occur.
<b>Eye Contact:</b>	Should not cause eye irritation.
<b>Skin Contact:</b>	Should not cause skin irritation.
<b>Inhalation:</b>	Dust may result in respiratory irritation.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not toxic to the environment

**Mobility:** No Data

**Environmental fate:** No Data

### 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

Dispose of material through a licensed waste contractor, in accordance with local, state and federal regulations. Normally suitable for disposal at approved land waste site.

### 14. TRANSPORT INFORMATION

This product is not restricted by any dangerous goods regulation. Road, Rail, Marine and Air transport are all viable modes of transport.

**Shipping Name:** Opti-Trace Boron

**UN No.** Not allocated.

### 15. REGULATORY INFORMATION

**Poisons Schedule:** None allocated

**EC Classification** Not Classified as toxic or dangerous substance

### 16. OTHER INFORMATION

Supplier of Material Safety Data Sheet: 11/2021

#### Hybrid-Ag Pty Ltd

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**This SDS summarises Hybrid-Ag's best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace, however Hybrid-Ag expressly disclaims that the SDS is a representation or guarantee of the chemical specifications for the substance. Each user should read the SDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.**