



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: BIO-CHECK

Other Names: Not Applicable

Uses: Liquid fertilisers/Foliar Food

Revision Date: Jan-20

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

Hazardous according to criteria of NOHSC/ASCC

- IRRITANT -

Risk Phrases

R36/38 Irritating to eyes and skin.

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.

S45 In case of accident, or if you feel unwell, seek medical advice immediately (show the label where possible)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Proportions (%)
Magnesium	N/A	1.06
Sulphur	N/A	1.87
Zinc	N/A	0.3
Copper	N/A	0.25
Manganese	N/A	0.32
Boron	N/A	0.29

4. FIRST AID MEASURES

Inhalation:

Remove from area of exposure, to fresh air. Seek medical advice if effects persist.

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:

Non Combustible material.

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, governed by other materials present.

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 wash down spill area or use an industrial vacuum cleaner. 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 and oxidising agents. Keep containers closed when not in use. Inspect regularly for damage or leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:

No value assigned for this specific materials by the National Occupational Health and Safety Commission.

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

Appearance:	Dark flowable liquid
Formula:	Unspecified
Odour	No odour
Solubility in water	Fully Miscible
Specific Gravity	1.25
Flash Point	Not Applicable
pH	Not Applicable
Reactivity	Not Applicable
Volatile Organic Compounds (VOC) content	Not Applicable
Viscosity	Not Applicable
Potential for Dust Explosion	Not Applicable
Decomposition Temperature	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to avoid:	Avoid excessive heat and static discharge
Incompatible Materials:	Strong oxidising agents, acids.
Hazardous Decomposition Products	Product may emit carbon monoxide.
Hazardous reactions:	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.

Ingestion:	No adverse effects expected, however if large amounts are consumed nausea and vomiting may occur.
Eye Contact:	May cause eye irritation.
Skin Contact:	May cause skin irritation.
Inhalation:	May result in respiratory irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No Data
Mobility:	No Data
Environmental fate:	Do not allow this product to enter drains, waterways or sewers.

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:	Bio-Check
UN No.	Not allocated.

15. REGULATORY INFORMATION

Poisons Schedule:	None allocated
AICS Name:	Not Applicable

16. OTHER INFORMATION

Supplier of Material Safety Data Sheet; 01/2020

Hybrid Ag

52 Buckler Rd - Wangaratta VIC 3678
Po Box 633. - Wangaratta VIC 3676
ph: 5722 7555 fax: 5721 6333

This MSDS 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 MSDS is a representation or guarantee of the chemical specifications for the substance. Each user should read the MSDS 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.