

BIO-CHECK

Hybrid-Ag Pty Ltd

Catalogue number: N/A
Version No: 0.1
Issue date: 24/03/2025
Safety Data Sheet according to WHS and ADG requirements

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

| | |
|-------------------------------|------------------------|
| Product name | GRANULAR BLEND 12:5:14 |
| Synonyms | N/A |
| Other means of identification | Not Applicable |

Relevant identified uses of the substance or mixture and uses advised against

| | |
|--------------------------|--------------------------------|
| Relevant identified uses | Liquid fertilisers/Foliar Food |
|--------------------------|--------------------------------|

Details of the manufacturer/importer

| | |
|-------------------------|------------------------------------------------------------------|
| Registered company name | Hybrid-Ag Pty Ltd |
| Address | 52 Buckler Road, Wangaratta, VIC 3677 |
| Telephone | (03) 5722 7555 |
| Mobile | |
| Website | www.hybridag.com.au |
| Email | admin@hybridag.com.au |

Emergency telephone number

| | |
|-----------------------------------|----------------------------|
| Association / Organisation | Poisons Information Centre |
| Emergency telephone numbers | 13 11 26 |
| Other emergency telephone numbers | Not Available |

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture
HAZARDOUS according to criteria of NOHSC/ASCC. IRRITANT.

| | |
|-----------------------------------|----------------|
| Poisons Schedule | Not Applicable |
| GHS Classification ^[1] | Not Applicable |

Label elements

| | |
|--------------------|----------------|
| GHS label elements | Not applicable |
| SIGNAL WORD | NOT APPLICABLE |

Hazard statement(s)

Not Applicable

Precautionary statement(s) Prevention

| | |
|--------|------------------------------|
| R36/38 | Irritating to eyes and skin. |
|--------|------------------------------|

Precautionary statement(s) Response

| | |
|-----------|-------------------------------------------------------------------------------------------------------------|
| 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) |

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

N/A

Mixtures

| CAS No | % (weight) | Name |
|--------|------------|-----------|
| N/A | 1.06 | Magnesium |
| N/A | 1.87 | Sulphur |
| N/A | 0.3 | Zinc |
| N/A | 0.25 | Copper |
| N/A | 0.32 | Manganese |
| N/A | 0.29 | Boron |

SECTION 4 FIRST AID MEASURES

Description of first aid measures

| | |
|--------------|--------------------------------------------------------------------------------------------------|
| 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 |
| Inhalation | Remove from area of exposure to fresh air. Seek medical advice if effects persist |
| Ingestion | Rinse mouth and then drink plenty of water. Seek medical advice if effects persist |

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

| | |
|--|-----------------------------------------------------------------------------------------|
| | Water jet, carbon dioxide or extinguishing powder, governed by other materials present. |
|--|-----------------------------------------------------------------------------------------|

Special hazards arising from the substrate or mixture

| | |
|----------------------|---------------------------|
| Fire incompatibility | Non-Combustible material. |
|----------------------|---------------------------|

Advice for firefighters

| | |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Fire Fighting | Fire fighters to wear self-contained breathing apparatus (SCBA) and suitable protective clothing |
| Fire/Explosion Hazard | May emit Carbon Monoxide |

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minor Spills | Eliminate all sources of ignition. If contamination of waterways or sewers has occurred, advise the EPA or your local Waste management authority. |
| Major Spills | Wear protective equipment to prevent skin and eye contact and inhalation. Contain and sweep/shovel up spills or use an industrial vacuum cleaner. Seal in properly labelled container for disposal. |

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable container | None known |
| Storage incompatibilities | 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. |

PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS

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

(OEL) INGREDIENT DATA

Not Available

Exposure controls

| | |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate 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 protection | RESPIRATOR: If engineering controls are inadequate, wear an approved particulate respirator. CLOTHING: Standard approved work uniform/clothing. |
| Eye and face protection | Wear safety glasses with side shields. |
| Hands/feet protection | 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 |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|--------------------------------------------|----------------------|-----------------------------------------|----------------|
| Appearance | Dark flowable liquid | | |
| Physical state | Unspecified | Specific Gravity (Water = 1) | 1.25 |
| Odour | Odourless | Partition coefficient n- | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | Not Applicable |
| pH (as supplied) | Not Available | Decomposition | Not Applicable |
| Melting point / freezing point (°C) | Not Applicable | Viscosity (cSt) | Not Available |
| Initial boiling point and boiling | Not Applicable | Molecular weight (g/mol) | Not Available |
| Flash point (°C) | Not Applicable | Taste | Not Available |
| Evaporation rate | Not Available | Explosive properties | Not Available |
| Flammability | Not Applicable | Oxidising properties | Not Available |
| Upper Explosive Limit (%) | Not Applicable | Surface Tension (dyn/cm or mN/m) | Not Available |
| Lower Explosive Limit (%) | Not Applicable | Volatile Component (%vol) | Not Available |
| Vapour pressure (kPa) | Not Available | Gas group | Not Available |
| Solubility in water (g/L) | Fully Miscible | pH as a solution | Not Available |
| Vapour density (Air = 1) | Not Available | VOC g/L | Not Available |

SECTION 10 STABILITY AND REACTIVITY

| | |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Reactivity | None known. |
| Chemical stability | Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure |
| Possibility of hazardous reactions | No dangerous reactions known. |
| Conditions to avoid | Avoid excessive heat, static discharge and sources of ignition. |
| Incompatible materials | Strong oxidising agents, acids and sources of ignition |
| Hazardous decomposition products | Product may emit carbon monoxide. |

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

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

| | |
|---------------------|---------------------------------------------------------------------------------------------------|
| Inhaled | May result in respiratory irritation. |
| Ingestion | No adverse effects expected, however if large amounts are consumed nausea and vomiting may occur. |
| Skin Contact | May cause skin irritation. |
| Eye | May cause eye irritation. |
| Chronic | None known. |

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

No data available.

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|------------|---------------------------------------|---------------------------------------|
| | No Data available for all ingredients | No Data available for all ingredients |

Bio accumulative potential

| Ingredient | Bioaccumulation |
|------------|-----------------------------------------------------------------|
| | Do not allow this product to enter drains, waterways or sewers. |

Mobility in soil

| Ingredient | Mobility |
|------------|----------|
| | No Data |

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

| Product / packaging disposal | 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. |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 14 TRANSPORT INFORMATION

Labels Required

| Shipping name | Bio-Check |
|---------------|----------------|
| AICS Name | Not Applicable |

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

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture
Not Applicable

SECTION 16 OTHER INFORMATION

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

| | |
|----------|---------------------------------------------------------|
| PC-TWA; | Permissible Concentration-Time Weighted Average |
| PC-STEL: | Permissible Concentration-Short Term Exposure Limit |
| IARC: | International Agency for Research on Cancer |
| ACGIH: | American Conference of Government Industrial Hygienists |
| STEL: | Short Term Exposure Limit |
| TEEL: | Temporary Emergency Exposure Limit |
| IDLH: | Immediate Danger to Life or Health Concentrations |
| OSF: | Odour Safety Factor |
| NOAEL: | No Observed Effects Level |
| TLV: | Threshold Limit Value |
| LOD: | Limit Of Detection |
| OTV: | Odour Threshold Value |
| BCF: | Bio Concentration Factors |
| BEI: | Biological Exposure Index |

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End of SDS