

Material Safety Data Sheet

NON-Hazardous Substance, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Ganixx-Bio Huma -Boost**

Synonyms: **Hydra-Bio-Boost**

Product Code

Bar Code

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Recommended use: Ideal for Fruit and Vegetable Crops, Fruit Trees and Vines, Pasture, Turf and Broad acre Crops. Outdoor use only.

Supplier: Organica Australia Pty Ltd.

ABN:

Street Address: 41-43 Marble Drive
Kingston QLD 4117
Australia

Emergency telephone number: Australia — 0402856924

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia

Poisons Schedule (Aust): Not applicable

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
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Ingredients determined to be non-hazardous	-	100%
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Active ingredient: Amino acids, processed proteins, fish and ocean products, chelated trace elements.

Inert ingredients: Micro-organisms, Lecithin, Water, plant sugars, emulsifiers, Biology.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126).

Inhalation: Remove person to fresh air. Seek immediate medical assistance.

Skin contact: Immediately flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Call a physician immediately. Wash clothing before reuse and discard contaminated shoes.

Eye contact: Immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If symptoms develop as a result of exposure, immediately move individual away from exposure and into fresh air before flushing as recommended above. Call a physician immediately.

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Ingestion: Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinsing mouth with water and give milk or water to drink. If possible, do not leave individual unattended.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific hazards: Non-flammable. May evolve toxic gases if strongly heated.

Fire-fighting further advice: The product is not flammable. Wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Hazchem Code: Not applicable

Suitable extinguishing media: N Av

6. ACCIDENTAL RELEASE MEASURES

Steps to Be Taken in Case Material is Released or Spilled: Cover the contaminated surface with sawdust or similar Mix and add water if necessary to form a slurry. Scoop up slurry and wash site with water. Proper cleaning procedures are essential. Trained personnel should conduct this procedure. Untrained personnel should be removed from the spilled area.

Waste Disposal Method: A leaking bottle may be placed in a plastic bag and normal disposal procedures followed. Liquid samples may be absorbed using vermiculite or sand, and disposed of in the normal way.

Dangerous Goods — Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Before use carefully read the product label. Avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Storage: Store in a cool, dry, well ventilated area, removed from foodstuffs, out of direct sunlight. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Store under cover and out of direct sunlight. If stored in the open, do so for short periods only, and cover with a tarpaulin. If stacking is necessary, bulk containers should be stored in a stable manner. The Pallet Capacity Rating (design weight) should not be exceeded on the bottom tier for other packs. High stacking should be avoided. Store away from Heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering measures: Keep containers closed when not in use. Avoid inhalation. Use in well ventilated areas. Use appropriate safe working procedures to reduce the potential for an inhalation hazard.

Personal protection equipment: Wear Neoprene, Nitrile, or natural rubber gloves. Wear chemical goggles when handling the product and during application. Respiratory Protection is required. Rubber apron is recommended when handling this product. Wear long sleeved shirt, long pants, socks and shoes. Wear a properly fitted half-face or full-face air purifying respirator which is approved for pesticides (NIOSH/MSHA IN U.S.) AND acid gas type cartridges.

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MANUFACTURING, PACKAGING AND TRANSPORT:

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

CONSUMER USE:

Wash hands after use.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Black strong odour.

Solubility:	Soluble
Specific Gravity (H₂O = 1):	1.201
Evaporation Rate (Butyl Acetate = 1):	0.10
Vapour Pressure (20°C):	N Av
Flash Point (°F):	N Av
Flammability Limits (%):	Not tested
Autoignition Temperature (°C):	N App
Solubility in water (g/L):	Complete in all Proportions
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	103
Decomposition Point (°C):	N Av
pH:	9.0
Total VOC (g/Litre):	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Reacts with organic and inorganic acids.

Chemical stability: Stable under recommended conditions of storage.

Hazardous reactions: Polymerization is not expected to occur.

Conditions to avoid: Avoid heat. Contact with skin, eyes, or prolong inhalation. Do not ingest product.

Incompatible materials: Compatible with most commonly used materials.

Hazardous decomposition products: May evolve ammonia and oxides of nitrogen, potassium and phosphorus when heated to decomposition.

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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Low irritant. Breathing vapors will cause significant respiratory irritation, and pulmonary edema if prolonged.

Skin contact: Non to low irritant. Contact with this product will cause severe skin irritation and/or possible chemical burns.

Ingestion: Low toxicity. Ingestion of large quantities could cause burns and destroy tissue in the mouth, throat, and digestive tract.

Eye contact: Low irritant. Contact with this product will result in severe eye irritation and possible permanent damage.

Long Term Effects: No information available for product.

Acute toxicity / Chronic toxicity

No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)*.
- The *Agricultural and Veterinary Chemicals Act (Commonwealth)* and/or applicable Commonwealth, State or Territory control-of-use legislation.

16. OTHER INFORMATION

Literary reference

This Material Safety Data Sheet has been prepared by Organica Australia Pty Ltd on behalf of its own behalf.

Reason(s) For Issue: Revised
Change in Personal Protection Requirements
Minor Text Changes.

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Organica Australia Pty. Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.