Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard,

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY *(As Used on Label and List)*	Manganese Lignosulphonate:
Organica Australia Pty Ltd **Ganixx Bio-Trace- Liggy Moly** Active ingredient: Amino acids, processed vegetable protien, chelated trace elements. Inert ingredients: Water, Total inert 13% Total 100%	Use: Foliar Fertilizer: Soil applied Fertilizer. Not to be used for an other purpose.

Section I

Manufacturer's Name: **Organic Australia p/L**	Emergency Telephone Number **0402856924 or A Doctor (At Once)**
Address: **41-43 Marble Drive Kingston., , Brisbane,Q.,**	Telephone Number for Information 07 32905440 Mob.0402856924
Australia 4114	Date Prepared March 2023

Section II - Physical/Chemical Characteristics

Boiling Point	**113°C 256 F.**	Specific Gravity (H_2O = 1)	1.25
Vapor Pressure (mm Hg.)		Melting Point	**N/A**
Vapor Density (AIR = 1)		Evaporation Rate	

		(Butyl Acetate = 1)	>**0.10**
Solubility in Water 96.9% **Complete in all Proportions**			
Appearance and Odor **Medium Brown Woody Odour.**			

Section III - Fire and Explosion Hazard Data

Flash Point (Method Used) **N/A**	Flammable Limits **Not tested**	LEL **N/A**	UEL **N/A**
Extinguishing Media N/A			
Special Fire Fighting Procedures Self contained breath apparatus.			
Fire and Explosion Hazard: The product is not flammable.			
Unusual Fire and Explosion Hazards **NONE**			
Hazardous Decomposition Products: Vapors, Carbon Dioxide, Carbon Monoxide			

Section IV - Reactivity Data

Stability: Reacts with organic and inorganic acids.			Conditions to Avoid: Contact with skin, eyes, or prolong inhalation. Do not ingest product.

Incompatibility: Bases and caustic compounds (alkaline compounds)			
Hazardous Decomposition or Byproducts None			
Hazardous Polymerization Will not occur.			Conditions to Avoid

Section V - Health Hazard Data

Route(s) of Entry:	Inhalation? **Yes**	Skin? **YES**	Ingestion? **YES**
Health Hazards: Contains non hazardous ingredients and is non-flammable and slightly corrosive.			
Carcinogenicity:	NTP? **N/A**	IARC Monographs? **N/A**	OSHA Regulated? **N/A**
Signs and Symptoms of Exposure			
Emergency and First Aid Procedures: Inhalation: Remove person to fresh air. Seek immediate medical assistance.			

Ingestion: Seek immediate medical attention. Induce vomiting. Vomiting should not cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinsing mouth with water and give water or milk to drink. If possible, do not leave individual unattended.
Skin: 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 clean contaminated shoes.
Eyes: Immediately flush eyes gently with water for at least 5 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.

Section VI - Precautions for Safe Handling and Use

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 sawdust, vermiculite or sand, and disposed of in the normal way.
Precautions to Be taken in Handling and Storing Avoid contact with eyes, skin or clothing. Keep bottle/container tightly closed and store in a cool, dry place.

Other Precautions **N/A**

Section VII - Control Measures

Respiratory Protection: usually not required. Wear a properly fitted half-face or full-face air purifying respirator which is approved for pesticides (NIOSH/MSHA IN U.S		
Ventilation: Product for outdoor use only.	Local Exhaust **N/A**	Special **N/A**

Protective Gloves: **Wear Neoprene, Nitrile, or natural rubber gloves.**	**Eye Protection** Wear chemical goggles when handling the product and during application.
Other Protective Clothing or Equipment: Rubber apron is recommended when handling this product. Wear long sleeved shirt, long pants, socks and shoes.	

Section VIII - Special Precautions

Precautions to be taken in Handling and Storing: Keep container tightly closed when not in use. Store only in the original container in a cool, dry place.

The above information is believed to be correct, but does not purport to be all inclusive. This data should be used only as a guide in handling this material. Organica Australia P/L shall not be held liable for any damage resulting from handling or from direct contact with this product.