SAFETY DATA SHEET
Super Max

1. CHEMICAL PRODUCT AND COMPANY IDENTIFCATION

Product Name: Super Max

Product Type: Liquid Fertiliser

Company Name: Hi-Tech Ag Solutions
24 Shanahan Road (PO Box 5351)
Davenport WA 6230 Australia

Phone: 08 9725 7322

Emergency Contact: 0499 944 099

Date of Issue: 27th October 2021

2. HAZARDS IDENTIFICATION

Hazard Classification:	NON-HAZARDOUS SUBSTANCE - According to the criteria of GHS classification. NON-DANGEROUS GOODS. - According to the Australia Dangerous Goods Code.
Signal Word:	Warning
Label Elements:	
Hazard Statement(s):	H316 - Causes mild irritation to the skin – Cat 1
Precautionary Statement(s):	P332 + P331 – If SKIN irritation occurs, get medical attention/advice.
Disposal	P501 - Dispose of contents/container in accordance with local/regional/national regulations

3. INFORMATION ON INGREDIENTS

This is a proprietary fertilizer formulation and all ingredients as formulated are determined not to be hazardous according to the criteria of Work safe Australia

4. FIRST AID MEASURES

Inhalation:	Move to fresh air, seek medical attention/advice if irritation persists.
Ingestion:	Immediately rinse mouth with water, seek medical attention/advice if irritation persists.
Skin Contact:	Remove contaminated clothing & rinse skin with water, if irritation occurs, seek medical attention.
Eye:	Immediately rinse with plenty of clean water. If irritation persists, seek medical attention.
First Aid Facilities:	Eyewash, Shower, and normal washroom facilities
Advice to Doctor:	Treat symptomatically.
General Information:	Elevated levels of potassium can be toxic
Other Information:	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.
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5. FIRE FIGHTING MEASURES

Flammability:	Non-combustible material and non- flammable. Toxic gases may evolve when heated to decomposition. Fire fighters recommended to wear SCBA
Extinguishing Media:	Use extinguishing media suitable for fire situations.
Precautions in connection with Fire:	Clear area of all non-emergency personnel. Eliminate ignition sources. Contain run-off to prevent entry in water or drainage systems.
Hazchem Code:	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Minor Spill:	Clean up all small spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact by using protective equipment. Contain and absorb spill with sand, earth, vermiculite, or suitable inert material.
Major Spill:	Clear area of Personnel. Alert fire brigade of spill. Wear body protective clothing and breathing apparatus. Prevent spillage from entering drainage and waterways. Contain spill with sand, earth, vermiculite. Collect and recover product into container, for disposal. Wash area with water (prevent from run-off into drains). If drains or waterways contaminated, contact emergency services.

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin and eyes. Do not inhale spray mist. Wear personal protective equipment when handling product. Maintain high standards of personal hygiene
Conditions for Safe Storage:	Store in a cool, dry, well-ventilated area, out of direct sunlight and reach of children. Store in original, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations. This product may release ammonia.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:	No exposure value assigned for this specific material
Biological Limit Values:	No biological limits allocated.
Engineering Controls:	Ensure sufficient ventilation, to minimise exposure.
PPE **Eye Protection:** **Hand Protection:** **Body:**	 Wear safety goggles Wear PVC or rubber gloves Wear overalls/coveralls
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance	Dark Brown Liquid
Boiling Point	N/A
Solubility in Water	100%
Specific Gravity	1.28 – 1.41
pH Value	6.8 – 7.60
Conductivity	80-100 mS/cm
Flash Point	N/A
Flammability	Not flammable

Note: Physical data typical values but may vary from sample to sample. A typical value should not be construed as a guaranteed analysis or as a specification.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and handling
Hazardous Reactions and materials to avoid:	Hazardous polymerization will not occur. Avoid heat, flames & acids.
Hazardous decomposition of Products:	Toxic gases may evolve, (NO_2; NH_3; hydrocarbons, when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Data not available.
Skin:	May cause mild irritation.
Eye:	May cause mild irritation.
Ingestion:	Ingestion will cause irritation to the mouth
Respiratory irritation:	Data not available
Mutagenicity:	Data not available
Carcinogenicity	Data not available
Reproductive Toxicity:	Data not available
STOT – single exposure	Data not available
STOT- repeated exposure:	Data not available

12. ECOLOGICAL INFORMATION

Toxicity:	Avoid contaminating waterways. Nitrogen fertilizers can stimulate weed and algal growth in static surface waters
Persistence & degradability:	Data not available
Environmental protection:	Data not available
Mobility:	Data not available

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Product should be used for its intended purpose. Dispose in accordance with local and national regulations. Do not discard into drains and waterways.
Container:	Rinse containers before disposal, in accordance with local and national regulations. Recycle, if possible, do not burn containers and product.

14. TRANSPORTATION INFORMATION

The product is a not considered a dangerous good and not subject to the provisions of ADR (road), RID (Railway), IMDG (sea) or IATA (airplane).

15. REGULATORY INFORMATION

Poisons Schedule: Not a scheduled poison (standard for the uniform scheduling of drugs and poisons NO. 22)

16. OTHER INFORMATION

While the information is herein correct to the best of our knowledge, Hi-Tech Ag Solution herein disclaims any warranties as to the accuracy of the same. Recommendations are made without guarantee or representation as to result, as the condition that the buyer shall make his own test to determine it's suitable for buyer's purposes. No statement contained herein shall be constructed as a recommendation to infringe any patent. This SDS was prepared by Hi-Tech Ag Solutions PTY LTD

Key/Legend

<	Less Than	atm	Atmosphere
>	Greater Than	CAS	Chemical Abstracts Service (Registry Number)
AICS	Australian Inventory of Chemical Substances	cm^2	Square Centimetres

CO_2	Carbon Dioxide	COD	Chemical Oxygen Demand
(°C)	Degrees Celsius	K	Kelvin
g	Grams	GHS	Globally Harmonised System
g/cm³	Grams per Cubic Centimetre	g/l	Grams per Litre
mmHg	Millimetre of Mercury	Kg	Kilogram
Kg/m³	Kilograms per cubic metre	lb	Pound
LC50	Lethal Concentration of a material in air which causes the death of 50% of a group of test animals.	LD 50	Lethal dose of material given all at once, which causes death of 50% of a group of test animals.
Ltr/L	Litre	m³	Cubic meter
mbar	Minibar	mg	Milligram
mg/24H	Milligrams per 24 Hour	mg/kg	Milligrams per Kilogram
mg/m³	Milligrams per Cubic Metre	mm	Millimetre
mmH2O	Millimetres of Water	mPa.s	Millipascals per Second
N/A	Not Applicable	NIOSH	National Institute for Occupational Safety and Health
NOHSC	National Occupational Health and Safety Commission	OECD	Organisation for Economic Co-operation & Dev.
Oz	Ounce	PEL	Permissible Exposure Limit
Pa	Pascal	ppb	Parts per Billion
ppm	Parts per Million	ppm/2h	Parts per Million per 2 Hours
ppm/6h	Parts per Million per 6 Hours	psi	Pounds per Square Inch
R	Rankine	RCP	Reciprocal Calculation Procedure
STOT	Specific Target Organ Toxicity	TLV	Threshold Limit Value
Tne	Tonne	TWA	Time Weighted Average
µg/24H	Micrograms per 24 Hours	UN	United Nations
wt.	Weight	**Immiscible : Liquids are insoluble in each other**	
Misc. or Miscible liquids form one homogenous liquid phase regardless of the amount of either component.			

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