SAFETY DATA SHEET
Super Cal 30

1. CHEMICAL PRODUCT AND COMPANY IDENTIFCATION

Product Name:	Super Cal 30
Product Type:	Liquid Suspension
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:	20th November 2023

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**.**
GHS Classification	None
Precautionary statements	P261 – Do not get into eyes, skin, or clothing. P280 – Wear protective gloves/protective clothing/eye protection/face Protection
Disposal	P501 – dispose contents of the container as per local and national regulations.

3. INFORMATION ON INGREDIENTS

This is a proprietary fertiliser 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:	Remove person to fresh air, if symptoms persist, seek medical attention.
Ingestion:	Wash mouth with copious amounts of water. Seek medical attention if irritation persists.
Skin Contact:	Wash affected area thoroughly with soap and water. If symptoms develop, seek medical attention.
Eye:	Rinse with plenty of clean water for, seek medical attention, if irritation persists.
First Aid Facilities:	Eyewash and normal washroom facilities
Advice to Doctor:	Treat symptomatically.
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

Hazards from Combustion:	Non-combustible material.
Precautions in connection with Fire:	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours or fumes. Dike area to prevent runoff and contamination of water sources.
Hazchem Code:	Not Regulated

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible, contain the spill, using absorbent material onto spillage, collect and place into a suitable labelled container. Do not dilute material. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs, inform the local water and waste management authorities in accordance with local regulations. Do not flush down drains or into water ways.
Other Information:	Large spills may be reportable to the state and/or local regulatory agencies.

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Use only in a well-ventilated area. Keep containers sealed when not in use. Avoid skin or eye contact. Maintain high standards of personal hygiene
Conditions for Safe Storage:	Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

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	Use with good general ventilation or with respiratory protection.
PPE	
Eye Protection:	Safety glasses with side shields should be worn.
Hand Protection:	Wear gloves of impervious material
Body Protection	Suitable protective work wear/coveralls

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Lt Brown - Beige Viscous Liquid	**Melting Point:**	N/A
Solubility in Water:	Completely soluble	**Boiling Point:**	>100° C
Specific Gravity:	1.45 – 1.55	**Vapour Pressure:**	N/A
pH Value	7.9 – 8.5	**Vapour Density**	N/A
Flash Point:	N/A	**Flammability:**	Not flammable
Auto-Ignition Temperature:	N/A	**Flammable Limits**	N/A
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

Reactivity:	Effervesces vigorously on contact with some acids
Chemical Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	No data available

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 oral rat = > 5000mg/kg
Skin Corrosion/Irritation:	Data not available
Serious Eye:	Data not available

Respiratory or skin irritation:	Data not available
Germ Cell 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:	LC50 Fish 96h: - >10 000mg/l LC50 Daphnia 49 h: - >1000mg/l LC50 Algae 72 h: - >200mg/l
Persistence & degradability:	Not readily degradable
Bio accumulative potential:	Calcium carbonate is a naturally occurring inorganic compound which has constituent elements that make up natural components of biological organisms.
Mobility in soil:	Low soil mobility in most ground. Commonly used as an effective soil conditioner and fertiliser.

13. DISPOSAL CONSIDERATIONS

Dispose of in appropriately licence general landfill site in accordance with local, state, and federal regulations. Waste should be labelled. Special arrangements made to bury bulk waste upon dumping, limiting exposure.

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

This information is based on collective and current knowledge, is intended to describe the product for purposes of safety, environmental and health requirements only. It should therefore not be construed as guaranteeing any specific property of the product. The SDS is prepared by Hi Tech Ag (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/cm^3	Grams per Cubic Centimetre	g/l	Grams per Litre
mmHg	Millimetre of Mercury	Kg	Kilogram
Kg/m^3	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.

Litre/L	Litre	m^3	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 & Development
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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