SAFETY DATA SHEET
Hi-Fulvic 10

1. CHEMICAL PRODUCT AND COMPANY IDENTIFCATION

Product Name:	Hi-Fulvic 10
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:	02nd October 2024

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	None

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 well-ventilated area and seek medical attention if symptoms develop.
Ingestion:	Rinse mouth with water. Seek medical attention if irritation persists.
Skin Contact:	Remove contaminated clothing, rinse skin with plenty of water.
Eye:	Wash eyes with plenty of water or a neutral saline solution, seek medical attention, if irritation persists
First Aid Facilities:	Water or neutral saline solution for eyewash and normal washroom facilities
Advice to Doctor:	Treatment would be supportive.
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

Fire Explosion/Hazard	Non-combustible liquid.
Precautions in connection with Fire:	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) Dike area to prevent runoff and contamination of water sources.
Hazchem Code:	Not Regulated

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal:	Wear appropriate personal protective equipment and clothing to minimise exposure. If possible, contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. 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
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. Remove clothing if product gets inside, then wash thoroughly. Remove Personal Protective Equipment (PPE) after handling this product, maintain high standards of personal hygiene i.e., Washing hands prior to eating, drinking, and smoking or using toilet facilities.
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

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:	No information available
Eye Protection:	Safety glasses with side shields
Hand Protection:	Wear gloves of impervious material
Body Protection:	To avoid contact with skin, wear coveralls
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black - Dark brown liquid	**Volatiles (%w/w):**	N/A
Specific Gravity:	1.00 – 1.11	**Flash Point:**	N/A
pH Value	4.6 – 5.1	**Flammability:**	Not flammable
Solubility in Water:	Miscible		
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:	Stable liquid with no hazardous decomposition products.
Chemical Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	No information available
Incompatible Materials:	No information available.
Hazardous decomposition Products:	Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	Data not available
Skin	May cause skin irritation.
Eye:	May cause irritation.
Respiratory:	May Cause irritation
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

Persistence & degradability:	Data not available
Bio accumulative potential:	Data not available
Mobility in soil:	Data not available

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. The material is inhaled over a set period, usually 1or 4 hours	LD 50	Lethal dose of material given all at once, which causes death of 50% of a group of test animals.
Ltr/L	Litre	m^3	Cubic meter
mbar	Minibar	mg	Milligram
mg/24H	Milligrams per 24 Hour	mg/kg	Milligrams per Kilogram
mg/m^3	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 and 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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