

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BLU - Trace
Product Type: Liquid Fertilizer
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: 30th 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 Not classified

Label Elements: No signal word

Hazard Statements No Hazard Statements

Precautionary Statement Not Applicable.

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 WorkSafe Australia

4. FIRST AID MEASURES

Inhalation: Mild irritation can occur. Move to maximum ventilation and seek medical attention.

Ingestion: Rinse mouth thoroughly with plenty of water. Seek medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Rinse skin off with water. Seek medical advice if irritation persists.

Eye Rinse with plenty of clean water, seek medical advice, 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.

Specific Hazards: This product is non-combustible.

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

7. HANDLING AND STORAGE

Emergency Procedures: Wear appropriate PPE and clothing to minimise exposure. Increase ventilation. If possible, contain the spill. Place sand, earth, or vermiculite on spillage. Collect the material and place into a suitable labelled container. Do not flush down drains or into water ways.

Other Information: Large spills may be reportable to the state and/or local regulatory agencies.

6. ACCIDENTAL RELEASE MEASURES

Precautions for Safe Handling: Use only in a well-ventilated area. Keep containers sealed when not in use. Prevent the build-up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin, eye, or clothing contact. Remove Personal Protective Equipment (PPE) after handling.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area, out of direct sunlight and reach of Store in original, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations. Store away from incompatible material. Do not use or store near open flame. Do not contaminate water, food or feed by storage or disposal.

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 should be worn.

Hand Protection: Wear gloves of impervious material

Body Protection: Wear suitable coveralls



General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark Blue Liquid	Vapour Pressure:	N/A
Odour:	Characteristic	Vapour Density (Air=1):	N/A
Specific Gravity:	1.11 – 1.23	Flash Point:	N/A
pH Value	6.0 – 6.8	Flammability:	Not flammable
Melting Point:	N/A	Auto-Ignition Temperature:	N/A
Boiling Point:	>100° C	Flammable Limits Lower:	N/A
Solubility in Water:	Miscible	Flammable Limits Upper:	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: Stable liquid with no hazardous decomposition of products.

Chemical Stability: Stable under normal conditions of storage and handling.

Conditions to Avoid: Excessive heat. Do not store near heat or flame or direct sunlight.

Incompatible Materials: Data not available

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Data not available

Skin Corrosion/Irritation: May cause irritation.

Serious Eye: May cause irritation

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

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 of time, 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
mmH ₂ O	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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