

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Super Dol  
**Product Type:** Liquid suspension used as a soil conditioner  
**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:** 06<sup>th</sup> December 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 container as per local and 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 WorkSafe Australia

### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air, seek medical attention if irritation persists.

**Ingestion:** Wash mouth with copious amounts of water.

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

**Eye** Rinse with 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) and full protective clothing to prevent exposure to vapours or fumes. Dike area to prevent runoff and contamination of water sources. Suitable for most extinguishing media.

**Hazchem Code:** Not Regulated

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** Wear appropriate personal protective equipment and clothing to minimise exposure. If possible, contain the spill. Place sand, earth, or vermiculite on spillage. Collect the material and place into a suitable labelled container.

**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. Store and transport in sealed containers below 40° C. Remove Personal Protective Equipment (PPE) after handling product.

**Conditions for Safe Storage:** Store in a cool, dry, well-ventilated area, out of direct sunlight. 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:** Use with good general ventilation or with respiratory protection. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**PPE:**

**Eye Protection:** Safety glasses should be worn.

**Hand Protection:** Wear gloves of impervious material

**Body Protection:** Wear suitable coveralls



### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown - Beige Liquid Suspension	<b>Melting Point:</b>	N/A
<b>Solubility in Water:</b>	Dispersible	<b>Vapour Pressure:</b>	N/A
<b>Specific Gravity:</b>	1.38 – 1.52	<b>Vapour Density (Air=1):</b>	N/A
<b>pH Value</b>	8.3 – 9.0	<b>Flash Point:</b>	N/A
<b>Flammability:</b>	Not flammable	<b>Auto-Ignition Temperature:</b>	N/A
<b>Flammable Limits</b>	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 products.

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

**Conditions to Avoid:** Extremes of temperature and direct sunlight.

**Incompatible Materials:** N/A

### 11. TOXICOLOGICAL INFORMATION

**Acute Oral Toxicity:** Data not available

**Skin:** May cause irritation.

**Eye:** May cause irritation.

**Respiratory** 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 <sup>2</sup>	Square Centimetres
CO <sub>2</sub>	Carbon Dioxide	COD	Chemical Oxygen Demand
(°C)	Degrees Celsius	K	Kelvin
g	Grams	GHS	Globally Harmonised System
g/cm <sup>3</sup>	Grams per Cubic Centimetre	g/l	Grams per Litre
mmHg	Millimetre of Mercury	Kg	Kilogram
Kg/m <sup>3</sup>	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	m <sup>3</sup>	Cubic meter
mbar	Minibar	mg	Milligram
mg/24H	Milligrams per 24 Hour	mg/kg	Milligrams per Kilogram
mg/m <sup>3</sup>	Milligrams per Cubic Metre	mm	Millimetre
mmH <sub>2</sub> 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 a & Devel.

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.			

<b>Issued By: Hi-Tech Ag Solutions</b>
<b>SDS – Super Dol – Ver 3.2</b>
<b>Date of Issue: 06<sup>th</sup> December 2023</b>
<b>Revision Date: December 2028</b>