

**SAFETY DATA SHEET**

**Last updated: 30 May 2023**

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b>	Natures Soil Wetter	
<b>Other Names:</b>	Plant Doctor Natures Soil Wetter	
<b>Product Type:</b>	Plant derived wetting agent	
<b>Chemical family:</b>	unknown	
<b>Recommended Use:</b>	Horticultural soil additive	
<b>Restrictions on use:</b>	None known	
<b>HS Code:</b>	None known	
<b>Manufacturer:</b>	Plant Doctor Rx Pty Ltd T/A Agtech Natural Resources8/19 Expo Ct, Ashmore, QLD, 4214, Australia Ph: 1300 385 842 (Monday to Friday: 8.00am – 4.00pm) <a href="mailto:admin@agtechglobal.com.au">admin@agtechglobal.com.au</a>	
<b>Emergency Phone:</b>	Poisons Information Centre	13 11 26
	EPA for large scale spills	1300 372 842

**2. HAZARDS IDENTIFICATION**

<b>GHS Classification: (1272/2008/EC, CLP)</b>		
<b>Physical:</b>	<b>Health:</b>	<b>Environmental:</b>
Not Hazardous	Eye Irritant Category 2A Skin Irritant Category 2	Not Hazardous

**GHS Label Elements:**

Warning!



Statement of Hazard	Precautionary Statements
H319 Causes serious eye irritation. H315 Causes skin irritation.	P264 Wash thoroughly after handling. P280 Wear protective gloves, eye protection, and faceprotection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention. P302 + P352 IF ON SKIN: Wash with plenty of water. P332 + P313 If skin irritation occurs: Get medical attention. P362 Take off contaminated clothing and wash before reuse.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	Amount
surfactants	Not available	3%
Alcohols C10-12 ethoxylated	Not available	<1%
Ingredients determined not to be hazardous	Not available	±96%

#### 4. FIRST AID MEASURES

**Eye:** Immediately flush eyes with plenty of water for several minutes while holding the eyelids apart. Remove contact lenses, if present and easy to do. Get medical attention if irritation persists.

**Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation occurs and persists. Launder clothing before re-use.

**Ingestion:** Do **NOT** induce vomiting unless directed to do so by a medical professional. Rinse mouth with water and give one glass of water to drink. Get medical attention if symptoms develop.

**Inhalation:** Remove victim to fresh air. Get medical attention if symptoms occur and persist.

**Most important Symptoms:** May cause moderate eye and skin irritation. Inhalation of mists may cause mucous membrane and respiratory irritation.

**Indication of immediate medical attention/special treatment:** Immediate medical attention should not be required. Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Non-combustible. No restriction on the type of extinguisher which may be used. Use suitable extinguisher for surrounding area.

**Specific Hazards arising from the chemical:** None known. Hazardous decomposition materials include oxides of carbon (CO<sub>2</sub>) and minor amounts of sulfur oxides (SO<sub>x</sub>). May emit acrid smoke.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

**Explosion Data (sensitivity to mechanical impact or static discharge):** Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** See section 8

**Environmental precautions:** See section 12

**Methods and Materials for Containment and Cleaning Up:**

**Minor: Slippery when split.** Clean up immediately. Avoid breathing vapour and contact with skin/eyes. Control personal contact with PPE. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.

**Major: Slippery when split.** Control personal contact with PPE. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal. Wash area and prevent runoff into drains or waterways. If contamination of drains or waterways occurs, advise emergency services.

#### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. When handling DO NOT eat, drink or smoke.

Always wash hands with after handling.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, well-ventilated area away from heat and incompatible materials. Incompatible with Iron (Fe) based products. Avoid strong acids, acid chlorides, acid anhydrides and chloroformates.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Protect from splashes. General exhaust is adequate under normal operating conditions.

**Respiratory Protection:** Respiratory protection is not normally needed. In operations where exposures are excessive or symptoms occur, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Skin Protection:** Wear impervious gloves & footwear to prevent prolonged skincontact.

**Eye Protection:** Chemical safety glasses with side shields or goggles should be worn where splashing is possible.

**Other:** Impervious coveralls, apron and boots as needed to avoid contact. Suitable washing facilities should be available in the work area.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and Odour:</b> dark brown liquid with a faint earthy odour	
<b>Physical State:</b> Liquid	<b>Odour Threshold:</b> Not determined
<b>Vapor Density:</b> ~1	<b>Initial Boiling Point/Range:</b> >100°c
<b>Solubility In Water:</b> Dispersible.	<b>Vapor Pressure:</b> 2.3 @ 20°c
<b>Relative Density:</b> 1.06 (water = 1)	<b>Evaporation Rate:</b> Not determined
<b>Melting/Freezing Point:</b> Not available.	<b>pH:</b> 10-11
<b>VOC Content:</b> Not determined.	<b>Octanol/Water Coefficient:</b> Not determined
<b>Solubility:</b> Miscible	<b>Decomposition Temperature:</b> Not determined
<b>Viscosity:</b> Not determined	<b>Flammability (solid, gas):</b> Not applicable
<b>Flashpoint:</b> Not available.	<b>Autoignition Temperature:</b> Not applicable
<b>Flammable Limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable

### 10. STABILITY AND REACTIVITY

**Reactivity:** Will coagulate with Iron (Fe) – See Section 7 for remaining.

**Chemical Stability:** Stable under normal storage and handling conditions. Hazardous polymerisation will not occur.

**Possibility of Hazardous Reactions:** See Section 7

**Conditions to Avoid:** See Section 7

**Incompatible Materials:** See Section 7

**Hazardous Decomposition Products:** See Section 5

### 11. TOXICOLOGICAL INFORMATION

**Eye:** May cause irritation with prolonged contact causing inflammation.

**Skin:** May cause irritation. Prolonged exposure may cause irritation, dermatitis, or defatting of skin tissues.

**Ingestion:** Not classified as harmful. Ingestion may cause gastrointestinal discomfort.

**Inhalation:** Not normally a hazard due to the non-volatile nature of product.

**Chronic:** No data available

**Sensitization:** This material is not known to cause sensitization.

**Carcinogenicity:** None of the components present are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

**Germ Cell Mutagenicity:** No data currently available.

**Reproductive Toxicity:** No data available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available  
**Persistence and Degradability:** Not data available.  
**Bioaccumulative Potential:** Not data available.  
**Mobility in Soil:** Known to extract heavy metals  
**Other Adverse Effects:** None known.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national environmental regulations.

## 14. TRANSPORT INFORMATION

**Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); nor by air according to the IACO (IATA Regulations), or by sea according to the IMO (IMDG Code).DOT Hazardous Materials Description:** Not regulated  
**IMDG Shipping Description:** Not regulated  
**IATA Shipping Description:** Not regulated  
**UN Number:** Not Dangerous Goods

## 15. REGULATORY INFORMATION

**Regulatory Information:** Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemical (GHS) including Work, Health and Safety regulations, Australia.  
**Poisons Schedule:** Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

## 16. OTHER INFORMATION

### Revision Summary:

30/05/2023: V3

07/07/2021: V2

09/11/2017: V1

### NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Agtech shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.