

## Section 1 - Identification of Chemical Product and Company

**Chemical nature:** Controlled release fertiliser  
**Trade Name:** Nuturf LANDSCAPE PRO 6-9 MTH  
**Product Use:** Fertiliser  
**Supplier:** Australian Agribusiness (Holdings) Pty Ltd  
 Suite 201, Level 2, 3 Rider Boulevard,  
 Rhodes, NSW 2138  
 Phone: 02 9395 1200 (office hours), Fax: 02 4729 3037  
**Issued:** www.nuturf.com.au  
 November 2022 and is valid for 5 years from this date.

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA**

**NOT A DANGEROUS GOOD ACCORDING TO THE ADG CODE, IATA OR IMDG/IMSBC CRITERIA**

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

### **GHS Signal word: NONE. Not hazardous.**

#### PREVENTION

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P281: Use personal protective equipment as required.

#### RESPONSE

- P353: Rinse skin or shower with water.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials.

#### STORAGE

- P402+P404: Store in a dry place. Store in a closed container.

#### DISPOSAL

- P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

### Emergency Overview

**Physical Description & colour:** Yellow and brown granular solid

**Odour:** Slight organic odour

**Major Health Hazards:** No significant risk factors have been found for this product in normal use.

## Section 3 - Composition/Information on Ingredients

<b>Component</b>	<b>CAS No</b>	<b>Conc.%</b>
Potassium Nitrate	7757-79-1	
Ammonium Nitrate	6484-52-2	
Mono-Ammonium Phosphate (MAP)	7722-76-1	
Urea	57-13-6	
Potassium Sulphate (Sulphate of Potash)	7778-80-5	
Ferrous Sulphate	7782-63-0	
Manganese Sulphate	7785-87-7	to 100
Sodium Molybdate	7631-95-0	
Zinc Sulphate	7733-02-0	

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Copper Sulphate	7758-99-8
Disodium Tetraborate	1303-96-4
Calcium Phosphate	7758-23-8
Terrus*	n/a

\* Biologically active organic fertiliser

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

## Section 4 - First Aid Measures

**General Information:** You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

**Skin Contact:** Gently brush away excess particles. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

**Eye Contact:** Quickly and gently brush particles from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, if in doubt contact a Poisons Information Centre or doctor.

## Section 5 - Fire Fighting Measures

**Suitable Extinguishing Media:** Not Flammable. Use extinguishing media suited to burning materials. If a significant quantity of this product is involved in a fire, call the fire brigade.

**Specific Hazards Arising from the Chemical:** Fire decomposition liberates carbon dioxide

**Advice for Fire Fighters:** In smoke or fumes wear self-contained breathing apparatus.

**Hazchem Code:** None Allocated

## Section 6 - Accidental Release Measures

**Accidental release:** For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services. This material may be suitable for approved landfill.

## Section 7 - Handling and Storage

**Handling:** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**Storage:** Store in cool, dry area removed from foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use. Do not allow to come into contact with water either from rain, condensation or the surface on which it is stored. Bagged fertilisers should be stored under cover and out of direct sunlight. Store away from farm chemicals e.g. insecticides, fungicides and herbicides. This product when stored in a confined, unventilated space can give off ammonia or other odour and lead to the depletion of oxygen within this space and other confined areas

### SAFETY DATA SHEET

## Section 8 - Exposure Controls and Personal Protection

**Exposure Limits:** TWA (mg/m<sup>3</sup>) STEL (mg/m<sup>3</sup>) ADI (mg/Kg/day) NOEL (mg/Kg/day)

Exposure limits have not been set by SWA for any other ingredients in product. The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. There is a blanket limit of 10mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly. ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level. Values from Australian ADI List, 31<sup>st</sup> March 2012

**Engineering Controls:** Maintain air concentration below occupational exposure standards, using engineering controls if necessary. Provision of eye wash facilities and safety shower recommended.

### Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** Avoid high dust concentration and provide local exhaust ventilation where necessary.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended.

**Skin Protection:** Wear gloves or gauntlets and long sleeves when using this product to protect against skin irritation

**Respirator:** Use P2 type canister respirator where high concentrations of airborne dust is present  
Provision of eye wash facilities and safety shower recommended.

Wash hands before eating, drinking, smoking or going to toilet, launder protective clothing before re-use.

## Section 9 - Physical and Chemical Properties:

<b>Physical Description &amp; colour:</b>	Yellow/brown granular solid
<b>Odour:</b>	Slight organic odour.
<b>Boiling Point:</b>	Not applicable.
<b>Freezing/Melting Point:</b>	Decomposes before melting.
<b>Volatiles:</b>	No specific data. Expected to be low at 100°C.
<b>Vapour Pressure:</b>	Negligible at normal ambient temperatures.
<b>Vapour Density:</b>	Not applicable.
<b>Specific Gravity:</b>	No data.
<b>Water Solubility:</b>	Slightly soluble.
<b>pH:</b>	No data.
<b>Volatility:</b>	Negligible at normal ambient temperatures.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	Not applicable.
<b>Coeff Oil/water Distribution:</b>	No data
<b>Viscosity:</b>	Not applicable.
<b>Auto ignition temp:</b>	Not applicable - does not burn

## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions.

**Conditions to Avoid:** Heat, flames.

**Incompatibilities:** Strong mineral acids

**Polymerisation:** This product is unlikely to undergo polymerisation processes.

**Hazardous Decomposition Products:** carbon dioxide

## Section 11 - Toxicological Information

**Target Organs:** There is no data to hand indicating any particular target organs.

### **Potential Health Effects**

**Inhalation:** Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort. No data for health effects associated with long term inhalation.

**Skin Contact:** Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be irritating, but is unlikely to cause anything more than mild transient discomfort. No data for health effects associated with long term skin exposure.

**Eye Contact:** This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort. No data for health effects associated with long term eye exposure.

**Ingestion:** Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort. No data for health effects associated with long term ingestion.

### **Carcinogen Status:**

**SWA:** No significant ingredient is classified as carcinogenic by SWA.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

## Section 12 - Ecological Information

**Environment:** Avoid contamination of waterways. Fertilisers, particularly those containing nitrogen and phosphorus can stimulate weed and algal growth in static surface waters. Nitrogen fertilisers can also contain or form Nitrate which can contaminate surface and ground water. High nitrate concentrations may render the water unsuitable for human and livestock consumption.

**Ecotoxicity:** No data available

**Persistence and Degradability:** No data available

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

## Section 13 - Disposal Considerations

**Disposal:** Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service. This product can usually be used for its intended purpose unless contaminated by substances that make it unsuited.

## Section 14 - Transport Information

**ADG Code:** This product is not classified as a Dangerous Good for transport by road or rail.

**IMDG/IATA:** This product is not classified as a Dangerous Good for transport by sea or air

## Section 15 - Regulatory Information

**Poison Schedule:** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**AIIC:** All of the significant ingredients in this formulation are to be found in the public AIIC Database.

## Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail	<b>IMDG</b>	International Maritime Dangerous Good
<b>AIIC</b>	Australian Inventory of Industrial Chemicals	<b>IMSBC</b>	International Maritime Solid Bulk Code
<b>CAS number</b>	Chemical Abstracts Service Registry Number	<b>NTP</b>	National Toxicology Program (USA)
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters	<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>IARC</b>	International Agency for Research on Cancer	<b>SWA</b>	Safe Work Australia (formerly ASCC and NOHSC)
<b>IATA</b>	International Air Transport Authority	<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accordance with the SWA Code of Practice "Preparation of Safety Data Sheets for Hazardous Chemicals" July 2020

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