

### Section 1 - Identification

**Product Name:** Multicote 8 +TE 18-3-10  
**Synonyms:** Multicote 8 month with trace elements

**Product Use:** Fertiliser, soil amendment

**Supplier Details:** Amgrow Pty Ltd  
**Address:** PO Box 6390, Silverwater, NSW 1811  
**Telephone:** (02) 93951200  
**Fax:** (02) 4729 3037  
**Website:** [www.amgrow.com.au](http://www.amgrow.com.au)  
**Emergency Number:** 13 1126

### Section 2 - Hazards Identification

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

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

**GHS Label Elements not required**

**Hazard statement**

Causes Eye irritation  
 Repeated exposure may cause skin dryness or cracking  
 May be harmful if swallowed  
 May be harmful if inhaled

**Precautionary Statements**

Do not get in eyes, on skin or on clothing  
 Avoid breathing dust  
 Use personal protective equipment as required

### Section 3 - Composition/Information on Ingredients

<u>Component</u>	<u>CAS No</u>	<u>Conc.%</u>
Ammonium Nitrate	6484-52-2	} to 100
Mono-Ammonium Phosphate (MAP)	7722-76-1	
Potassium Sulphate (Sulphate of Potash)	7778-80-5	
Ferrous Sulphate	7782-63-0	
Manganese Sulphate	7785-87-7	
Sodium Molybdate	7631-95-0	
Zinc Sulphate	7733-02-0	
Copper Sulphate	7758-99-8	
Sodium Borate	12008-41-2	
Calcium Phosphate	7758-23-8	

*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 and is available at all times. Have this SDS with you when you call.

**Inhalation:** Remove victim to fresh air and keep at rest in a position suitable for breathing

**Skin Contact:** If on skin wash with soap and water

**Eye Contact:** If in eyes rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists seek medical attention.

**Ingestion:** If swallowed rinse mouth with water. Do not induce vomiting. Seek medical advice if large quantities have been swallowed.

**Advice to Doctor:** Treat symptomatically

### 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

**Personal Precautions:** Minor spills - As a minimum, wear overalls, goggles and gloves. Do not eat, drink or smoke while cleaning up spill.

**Environmental Precautions:** If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.

**Method and Materials for Containment and Clean up:** Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recovered product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area preventing runoff from entering drains. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry. In the event of a major spill, prevent spillage from entering drains or water courses

### Section 7 - Handling and Storage

**Precautions for Safe Handling:** Before use carefully read the product label. Avoid contact with eyes. Avoid prolonged or repeated skin contact and breathing dust. Observe good personal hygiene, including washing hands before eating, drinking or smoking.

**Conditions for Safe Storage Including any Incompatibilities:** Store in cool, dry area removed from foodstuffs, combustible materials, herbicides and fungicides or strong mineral acids. 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.

### Section 8 - Exposure Controls and Personal Protection

#### **Exposure Control:**

**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:** 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.

**Eye Protection:** Eye protection such as protective glasses or goggles is recommended when using this product. (Industrial Eye Protection: **AS1336** and **AS/NZS 1337**)

**Skin Protection:** Wear gloves or gauntlets and long sleeves when using this product to protect against skin irritation (Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Occupational Protective Footwear: **AS/NZS2210**.)

**Inhalation:** Use P2 type canister respirator where high concentration of airborne dust is present (Respiratory equipment: **AS/NZS 1715**)

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

### Section 9 - Physical and Chemical Properties:

<b>Appearance:</b> Yellow/Brown granular solid	<b>Flammability Limits:</b> Not relevant, not flammable
<b>Odour:</b> Slight odour	<b>Vapour Pressure:</b> Not relevant
<b>Odour Threshold:</b> No Data available	<b>Vapour Density:</b> Not relevant
<b>pH:</b> No Data available	<b>Relative Density:</b> Approx 1.0kg/L
<b>Melting Point/Freezing Point:</b> No Data available	<b>Solubility:</b> Dissolves very slowly, insoluble polymer coating
<b>Initial Boiling Point:</b> No Data available	<b>Partition Coefficient:</b> No Data available
<b>Flash Point:</b> Not flammable	<b>Auto-ignition Temperature:</b> Not relevant
<b>Evaporation Rate:</b> Not relevant (solid)	<b>Decomposition Temperature:</b> No Data available
<b>Flammability:</b> Not flammable	<b>Viscosity:</b> Not relevant

### Section 10 - Stability and Reactivity

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

**Chemical Stability:** Stable under normal ambient storage and handling conditions

**Possibility of Hazardous reactions:** Not likely to cause hazardous reactions or to polymerise

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

**Incompatible Materials:** Strong mineral acids

**Hazardous Decomposition Products:** carbon dioxide

### Section 11 - Toxicological Information

**Acute Toxicity:** May be harmful if swallowed in large quantities

**Skin Corrosion/Irritation:** Repeated exposure may cause skin dryness or cracking

**Serious Eye Damage/ Irritation:** Dust may cause irritation (abrasion) to the eye

**Respiratory or Skin Sensitisation:** May be harmful if dust inhaled

**Germ Cell Mutagenicity:** No Data available

**Carcinogenicity: 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

**Reproductive Toxicity:** No Data available

**STOT – Single Exposure:** No Known target organ effects

**STOT – Repeated Exposure:** No Known target organ effects

**Aspiration Hazard:** Not relevant

### 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:** There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. The Hierarchy of Controls seems to be common - the user should investigate: Reduce, Reuse, and Recycle and only if all else fails should disposal be considered. Special help is available for the disposal of Agricultural Chemicals. The product label will give general advice regarding disposal of small quantities, and how to cleanse containers. However, for help with the collection of unwanted rural chemicals, contact ChemClear 1800 008 182 <http://www.chemclear.com.au/> and for help with the disposal of empty drums, contact DrumMuster <http://www.drummuster.com.au/>

### 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)

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

### Section 16 - Other Information

**SDS Issue Date:** April 2015

**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>AICS</b>	Australian Inventory of Chemical Substances
<b>ASCC</b>	Australian Safety & Compensation Council
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Authority
<b>IMDG</b>	International Maritime Dangerous Good
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>NTP</b>	National Toxicology Program (USA)
<b>STOT</b>	Specific Target Organ Toxicity
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>SWA</b>	Safe Work Australia (formerly ASCC and NOHSC)
<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" 10<sup>th</sup> August 2011

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**SAFETY DATA SHEET**

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