

# Safety Data Sheet

Product Name: **Brunnings Specialty Planting Mixes**

**Other Names covered by this SDS:** Azalea & Camellia Potting Mix, Seed Raising Mix, Tomato & Vegetable Growing Mix, Tomato Magic Growing Mix, Herb Planting Mix, Orchid Potting Mix, Rose Planting Mix, African Violet Mix, Bulb Growing Mix, Cactus Mix & Dendrobium Orchid Mix.

Each Mix will vary according to the specific requirement of the plant or claims on the pack.

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Address:** Suite 3, 19-23 Clarinda Road, Oakleigh South, Victoria, AUSTRALIA, 3167  
**Telephone:** (03) 9543 5600  
**Fax:** (03) 9543 5300  
**Emergency:** 13 11 26  
**Use(s):** Potting and planting media for plants and shrubs.  
**MSDS Date:** 1<sup>st</sup> July 2013

## 2. HAZARDS IDENTIFICATION

Based on available information, classified as hazardous according to criteria of Safe Work Australia. – DUSTS & MISTS  
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

|                  |                |                     |                |                           |                |
|------------------|----------------|---------------------|----------------|---------------------------|----------------|
| <b>UN No.</b>    | None allocated | <b>DG Class</b>     | None allocated | <b>Subsidiary Risk(s)</b> | None allocated |
| <b>Pkg Group</b> | None allocated | <b>Hazchem Code</b> | None allocated | <b>EPG</b>                | None allocated |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

The products are a blend of raw and/or composted natural organic materials including plant mulch, sand, wood, dust and pine barks. These products can contain a variety of living micro organisms including bacteria, fungi and protozoa. Minerals and fertilisers are added to some blends.

## 4. FIRST AID MEASURES

### Eye

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

### Inhalation

If inhaled, remove victim from area of exposure, avoid becoming a casualty. Seek medical attention if effects persist.

**Skin**

If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

**Ingestion**

Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical advice.

**Advice to Doctor**

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products**

Non combustible material

**Suitable Extinguishing Media**

Non combustible. However if material is involved in a fire use media applicable to surrounding fire.

## 6. ACCIDENTAL RELEASE MEASURES

**Spillage**

If spilt (bulk), wear dust-proof goggles, PVC/rubber gloves and a particulate respirator (where a dust inhalation risk exists). Ventilate spillage area. Collect and place in sealable containers for disposal. Avoid generating dust.

## 7. STORAGE AND HANDLING

**Storage**

Store in cool, dry, well ventilated area out of direct sunlight.

**Handling**

Keep out of reach of children. Avoid skin and eye contact and breathing in vapour, mists and aerosols. Read directions on packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits**

No value assigned for this specific material by the National Occupational Health and Safety Commission.

**Exposure Standards**

No exposure standard(s) allocated.

**Biological Limits**

No biological limit allocated.

**Engineering Controls**

Do not inhale dust. Use with adequate natural ventilation. Use appropriate safe work practices to reduce dust levels.

**PPE**

Avoid contact with eyes and skin. Wear leather or rubber gloves. After use and before eating, drinking, smoking, wash hands, arms and face thoroughly with soap and water. Wash contaminated clothing and other protective equipment before storage or re-use.

As there is a risk of dust and/or liquid mist (bioaerosols) wear a suitable particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                         |                     |                                  |               |
|-------------------------|---------------------|----------------------------------|---------------|
| <b>Appearance</b>       | BROWN ORGANIC SOLID | <b>Solubility (water)</b>        | INSOLUBLE     |
| <b>Odour</b>            | EARTHY ODOUR        | <b>Specific Gravity</b>          | 0.6-0.9kg/L   |
| <b>pH</b>               | NOT AVAILABLE       | <b>% Volatiles</b>               | NOT AVAILABLE |
| <b>Vapour Pressure</b>  | NOT AVAILABLE       | <b>Flammability</b>              | NON FLAMMABLE |
| <b>Vapour Density</b>   | NOT AVAILABLE       | <b>Flash Point</b>               | NOT RELEVANT  |
| <b>Boiling Point</b>    | NOT AVAILABLE       | <b>Upper Explosion Limit</b>     | NOT RELEVANT  |
| <b>Melting Point</b>    | NOT AVAILABLE       | <b>Lower Explosion Limit</b>     | NOT RELEVANT  |
| <b>Evaporation Rate</b> | NOT AVAILABLE       | <b>Auto ignition Temperature</b> | NOT RELEVANT  |

**10. STABILITY AND REACTIVITY****Chemical Stability**

Stable under normal conditions of use.

**Conditions to Avoid**

Avoid contact with foodstuffs. Avoid contact with other chemicals

**Incompatible Material to Avoid**

Incompatible with oxidising agents

**Hazardous Decomposition Products**

Ammonia. Oxides of Carbon. Oxides of Phosphorus. Oxides of Sulfur.

**Hazardous Reactions**

None Known.

**11. TOXICOLOGICAL INFORMATION****Health Hazard Summary**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and over exposure occurs are:

**Eye**

Dust and/or liquid mists (bioaerosols) may irritate the eye resulting in redness and watering, or eye infection.

**Inhalation**

Inhalation of dust or mist may cause irritation of the nose and throat and possible sensitisation (with asthma-like symptoms). Has the potential to cause Legionnaire's disease, although this effect is rare. Legionnaire's disease is a severe, often fatal disease characterised by pneumonia, dry cough, muscular pain and sometimes gastrointestinal symptoms. There may be organ dysfunction and eventual cardiovascular collapse.

**Skin**

Contact with skin may cause irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.

**Ingestion**

Low toxicity. Swallowing can result in abdominal discomfort. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation. May increase the likelihood of developing gastrointestinal infections.

**Long Term Effects**

Repeated inhalation of dust and/or liquid mists (bioaerosols) may result in respiratory irritation, inflammation or sensitisation resulting in illnesses ranging from hayfever and asthma to pneumonia (eg. Legionnaires disease) and pneumonia like illnesses. The elderly, those with pre-existing respiratory diseases, and the immunocompromised are at particular risk from these illnesses. All people working regularly with these and other landscaping products should ensure that they are adequately protected against tetanus.

**Toxicity Data**

No LD50 data available for this product.

## 12. ECOLOGICAL INFORMATION

**Environment**

Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal**

Refer to local government authority for disposal recommendations. Use on garden or dispose of as household garbage.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Air Transport**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

**Classification**

Based on available information, not classified as hazardous according to the criteria of Safe Work Australia.

**Poison Schedule**

A poison schedule number has not been allocated to this product using the criteria in the standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)

**AICS**

All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

### Additional Information

#### EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES

Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

#### RESPIRATORS

In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary

#### HEALTH EFFECTS FROM EXPOSURE

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

#### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

#### Disclaimer

This document is based on information concerning the product which has been provided to BGP by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. While BGP has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, BGP accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.