



Tui Products Ltd.

Document Name:

SAFETY DATA SHEET – TUI BULB MIX

Date of issue:

May 2015

Version No:

1

Page Number:

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SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name: Tui Bulb Mix.

Recommended Use: A potting mix for use in garden beds, pots and containers in the home garden.

Company: Tui Products Ltd.

Address: Truman Lane,
Mount Maunganui,
New Zealand

Telephone Number: +64 7 5752160

Emergency Telephone Numbers: 0800 CHEMCALL (0800 243 622) 24 hours
0800 POISON (0800 764 766) National Poisons Centre
111 – New Zealand Fire Service

Date of Preparation: May 2015

2. HAZARDS IDENTIFICATION:

HSNO Hazard Classifications: Based on available information, not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMPONENT	PROPORTION	CAS NUMBER
Composted plant material including bark, manure & pumice. The material contains a variety of living micro-organisms including bacteria, fungi and protozoa.	>90%	-
Minerals & fertilisers	<10%	-

4 FIRST AID MEASURES:

For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician.

Inhalation: Remove to area free from risk of further exposure. Seek medical advice if effects persist.
Seek medical attention if you develop high fever, chills, breathlessness, cough or respiratory symptoms.
Avoid breathing dust, vapour, aerosols and/or liquid mist (bioaerosols), inhalation may irritate, inflame or sensitise the nose, throat and lungs which on rare occasions may result in illnesses ranging from hay fever or asthma, to pneumonia or pneumonia-like illnesses (e.g. Legionnaire's disease).

Ingestion: If swallowed, rinse mouth with water, do not induce vomiting. Give a glass of water to drink, seek medical advice.

Eye Contact: If in eyes, wash out immediately with water, continue to wash eye thoroughly for at least 15 minutes with clean fresh water. In all cases of eye contamination it is a sensible precaution to seek medical advice. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause eye infection or irritation. If irritation or infection occurs, seek medical advice.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin with soap and water. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis), and/or skin infection. If irritation or infection occurs, seek medical advice.

Notes to Physician: Treat symptomatically.



5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media:	Not combustible, however, if material is involved in a fire use: Media applicable to surrounding fire.
Precautions for fire fighters and special protective clothing:	Not combustible, however, if material is involved in a fire fighters to wear breathing apparatus and suitable protective clothing applicable to surrounding fire.
Hazards from combustion products:	Non-combustible material.

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	Keep unnecessary and unprotected personnel from entering the area. If contamination of sewers or waterways has occurred advise local emergency services.
Personal Precautions and Protective Equipment:	Refer to SDS section 7 for handling and precautionary measures. Refer to SDS section 8 for additional information and personal protection equipment.
Environmental Precautions:	Contain - prevent from entering sewers, waterways and/or groundwater.
Methods and Materials for Containment and Clean up:	Sweep up spilled material, avoid creating and breathing in dust when cleaning up, e.g. by wet sweeping, collect and store in properly labelled, sealed containers for safe disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING & STORAGE:

Precautions for safe handling and storage:

Handling:	Keep out of reach of children. This product is made from organic materials and contains living micro-organisms, some of which, on rare occasions, can cause illness in humans. It may also contain mineral and fertiliser additives. Open bag slowly, making sure opening is directed away from face and moisten using a low pressure hose. Avoid opening bags in enclosed areas. When working in greenhouses, potting sheds or indoors, make sure the working area is well ventilated. People particularly at risk are the elderly, those suffering from asthma or allergies, and those with reduced immunity. Avoid breathing in dust, vapour, aerosols, or liquid mists (bioaerosols). Avoid skin, mouth and eye contact. Avoid transferring product from hand to mouth. Wear gloves and keep product moist by gently wetting using a low pressure hose. After work, remove any protective clothing. Wash hands, arms and face after handling. Do not eat, drink or smoke when using this product or in the areas where they may become contaminated with this material. Avoid raising soil near evaporative coolers.
Storage:	Store out of reach of children and animals. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Occupational Exposure Limits:	No WES values are set by EPA or NZ Dept. of Labour Health & Safety for this substance at this time. This product is made from organic materials and contains living micro-organisms, some of which, on rare occasions, can cause illness in humans. It may also contain mineral and fertiliser additives.
Engineering Controls:	Ensure ventilation is adequate to maintain low air concentrations of vapour and mists. Keep packaging closed when not in use.
Personal Protective Equipment:	Respiratory Protection: Use with adequate ventilation, avoid breathing dust, vapour, aerosols or mist. If there is a risk of inhalation of dust, vapour, aerosols and/or liquid mist (bioaerosols), wear a suitable particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Skin protection: Avoid contact with skin. Wear standard light gloves, as specified in AS/NZS 2161 and keep product moist when handling. Wear protective clothing. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash contaminated clothing and other protective equipment before storage or re-use. Eye protection: Avoid contact with eyes. If there is a risk of exposure to dust and/or liquid mists, also wear dust resistant eye protection, as specified in AS/NZS 1336.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Coarse Brown Solid.
Odour:	Organic.
Solubility in water:	Insoluble in water.
Specific Gravity (kg/l @ 20°C):	0.4 – 0.8 kg/litre (bulk density)
Flash point (°C):	Not applicable.

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 materials:	Incompatible with oxidising agents.
Hazardous decomposition products:	Oxides of carbon, oxides of phosphorus, oxides of sulphur and ammonia.
Hazardous Reactions:	None known.



11. TOXICOLOGICAL INFORMATION:

Potential Health Effects: This section includes possible adverse effects, which could occur if the product is not handled in the recommended manner.

Eye Contact: Dust and/or liquid mist (bioaerosols) may irritate the eye resulting in redness and watering, or eye infection.

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

Ingestion: Swallowing can result in abdominal discomfort. There is an increased risk of gastrointestinal infections.

Inhalation: Inhalation of dust and/or liquid mists (bioaerosols) may irritate, inflame or sensitise the nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis. Also refer to long term effects section below.

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. legionnaire's 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.

Toxicological Data: No LD₅₀ information available for the product.

12. ECOLOGICAL INFORMATION:

Ecotoxicity: Contain - prevent from entering sewers, waterways and/or groundwater.

13. DISPOSAL CONSIDERATIONS:

Disposal methods: Dispose of this product by using in accordance with the product label directions.
Packaging disposal – Dispose of packaging in accordance with the product label directions or empty packaging, wrap in paper, place in a plastic bag and dispose safely with domestic rubbish.
If wastes and/or packaging cannot be disposed of according to the product label directions or instructions above, disposal must be in accordance with your local area regulatory authorities following all applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION:

Not classified as a Dangerous Good for Transport.

15. REGULATORY INFORMATION:

EPA New Zealand Approval Code: Based on available information, not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.



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16. OTHER INFORMATION:

Date of preparation of SDS: May 2015.

Abbreviations in SDS:

EPA: The Environmental Protection Authority of New Zealand.

LD₅₀: Lethal Dose-50%. The doses of a chemical that will kill 50% of the test animals receiving it.

WES: Work place exposure standard set by EPA or NZ Dept. of Labour Health & Safety.

DISCLAIMER:

This product must be used strictly as directed. To the maximum extent permitted by law Tui Products Limited, its officers, employees, agents, distributors and retailers shall have no liability to any purchaser or user of this product, or any other person, for any loss, damage or injury (including personal injury) arising out of the use or storage of this product otherwise than in accordance with the directions for use and storage.

----- End of SDS -----