

MATERIAL SAFETY DATA SHEET

Nutri-Life 4/20™

Date of Issue: 16/12/2014

CLASSIFICATION OF MATERIAL

Not Classified as Hazardous according to Safe Work Australia (NOHSC)
Not a Dangerous Good according to the Australian Dangerous Goods Code

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Nutri-Life 4/20™
UN Proper Shipping Name:	N/A
Recommended Use:	Microbial innoculant
Company Name:	Nutri-Tech Solutions Pty Ltd
Address:	7 Harvest Road, Yandina, Qld 4561, Australia
ABN:	83 010 472 590
Telephone:	+61 5472 9900
Fax:	+61 5472 9999
Emergency Telephone Numbers:	Police, Ambulance, Fire: 000 (Mobile 112) Poisons Information Centre (Australia) 13 11 26

2. HAZARDS IDENTIFICATION

Hazard Classification:	Non-Hazardous
	Not classified as Hazardous according to the criteria of NOHSC.
	Not classified as a Dangerous Good according to the Australian Dangerous Goods Code.
	Not classified as a schedule poison according to NDPSC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS
Azotobacter vinelandii, Bacillus megaterium, Bacillus subtilis, Bradyrhizobium japonicum, Chaetomium globosum, Pseudomonas fluorescens, Pseudomonas putida, Pseudomonas stutzeri, Rhizobium leguminosarum, Streptomyces albidoflavus, Streptomyces cellulosa & Trichoderma lignorum	N/A
Cereal based carrier	N/A

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4. FIRST AID MEASURES

Ingestion:	Immediately rinse mouth with water (only if patient is conscious). Seek medical advice.
Eye:	Immediately rinse with plenty of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water, if irritation persists contact a physician.
Skin:	Remove contaminated clothing and wash with soap and water. If symptoms such as redness or irritation occur, consult a physician. Launder clothes before re-use.
Inhalation:	Remove to fresh air. Seek medical advice if breathing difficulty develops.
First Aid Facilities:	Normal washing facilities.
Advice to Doctor:	Treat symptomatically.
General Information:	N/A

5. FIRE FIGHTING MEASURES

Flammability:	Non-flammable and non-combustible.
Extinguishing media:	Use extinguishing media suitable for surrounding fire situations.
Hazchem Code:	N/A
Precautions in connection with fire	Wear SCBA and contain run-off to prevent entry in water or drainage systems.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Avoid release into sewers and waterways.
Methods and materials for contamination and clean-up:	Collect and seal in properly labelled containers. Sweep or vacuum up. Avoid generating dust.

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7. HANDLING AND STORAGE

Precautions for safe handling:	Wear eye protection, face mask, impervious gloves and overalls. Immuno-compromised persons (e.g. those undergoing chemotherapy) should not handle or be exposed to microbial products. While handling, brewing and applying microbial products protective clothing and equipment should be worn. Avoid generating and inhaling dust. If dust exists wear respirator meeting the requirements of AS1715 and AS1716.
Storage:	Keep out of reach of children. Store in a cool, dry area in original sealed container below 45 °C and away from sunlight. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:	None established.
Biological Limit Values:	None established.
Engineering Controls:	Use in well ventilated areas only. Avoid generating and inhaling dust. Keep containers closed when not in use.
Personal Protective Equipment:	Gloves, eye protection and face mask. If dust exists wear respirator meeting the requirements of AS1715 and AS1716. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Buff coloured powder
Odour:	Earthy
pH:	No data available
Flammability:	Not combustible
Solubility in Water:	Partially soluble
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Bulk density:	0.9-1.0g/cm ³
Conductivity:	No data available
Melting Point:	No data available
Boiling Point:	No data available
Vapour Pressure:	No data available
Evaporation Rate:	No data available

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10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use.
Hazardous Reactions & Materials to Avoid:	Hazardous polymerization will not occur. Do not store with foodstuffs. Incompatibility: Extreme pH, high temperature.
Hazardous Decomposition Products:	None known.

11. TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS	
Ingestion:	Product is considered non-toxic.
Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	Breathing dust may cause respiratory irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence/Degradability:	No data available
Mobility:	No data available
Environmental Protection:	No data available

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Dispose of in accordance with local government guidelines.
Packaging:	Rinse packaging before disposal.

14. TRANSPORT INFORMATION

ADG Code:	This product is not labelled as a dangerous good and therefore does not have any special transport conditions.
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15. REGULATORY INFORMATION

SUSMP Poisons Schedule:	Not scheduled.
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16. OTHER INFORMATION

Acronyms	
ADG Code:	Australian Code for the Transport of Dangerous Foods by Road and Rail
AICS:	Australian Inventory of Chemical Substances
CAS Number:	Chemical Abstracts Service Registry
Hazchem Code:	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC:	International Agency for Research on Cancer
NOHSC:	National Occupational Health and Safety Commission
NDPSC:	National Drugs and Poisons Scheduling Committee.
NOS:	Not Otherwise Specified
NTP:	National Toxicology Program (USA)
UN Number:	United Nations Number
SUSMP:	Standard for the Uniform Scheduling of Medicines and Poisons
STEL:	Short Term Exposure Limit
TWA:	Time Weighted Average (the average airborne concentration when calculated over a normal eight hour working day for five days a week)
LD₅₀:	Lethal Dose for 50% Mortality
SCBA:	Self Contained Breathing Apparatus

Disclaimer

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. Nutri-Tech Solutions P/L, assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

END OF MSDS