



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME **YLAD LIVING COMPOST**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name** YLAD LIVING COMPOST  
**Address** "Milgadara" Moppity Road, Young, NSW, AUSTRALIA, 2594  
**Telephone** (02) 6382 2165  
**Fax** (02) 6385 5439  
**Emergency** (02) 6382 2165  
**Email** ylad@dragnet.com.au  
**Web Site**

**Synonym(s)** COMPOST  
**Use(s)** FERTILISER • SOIL CONDITIONER

## 2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
MANURE	Not Available	30-60%	Not Available
WHEAT STRAW	Not Available	30%	Not Available
COMPOST	Not Available	20%	Not Available
CLAY	Not Available	10%	Not Available
MICRO-ORGANISMS	Not Available	Not Available	Not Available

## 4. FIRST AID MEASURES

**Eye** Flush gently with running water. Seek medical attention if irritation develops.

**Inhalation** If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

**Skin** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.

**Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

**Advice to Doctor** For Legionnaire's Disease, erythromycin given early in the course of the disease and for a prolonged period is recommended.

**5. FIRE FIGHTING MEASURES**

<b>Flammability</b>	Non flammable. No fire or explosion hazard exists.
<b>Fire and Explosion</b>	Non flammable. No fire or explosion hazard exists.
<b>Extinguishing</b>	Non flammable.
<b>Hazchem Code</b>	None Allocated

**6. ACCIDENTAL RELEASE MEASURES**

<b>Spillage</b>	If spilt (bulk), wear dust-proof goggles, PVC/rubber gloves and a Class P1 (Particulate) respirator (where a dust inhalation risk exists). Ventilate spillage area. Collect and place in sealable containers for disposal. Avoid generating dust.
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**7. STORAGE AND HANDLING**

<b>Storage</b>	Store in cool, dry, well ventilated area, removed from oxidising agents and heat sources. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.
<b>Handling</b>	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.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Ventilation</b>	Do not inhale dust/ powder. Use with adequate natural ventilation. Use appropriate safe work practices to reduce dust levels.
<b>PPE</b>	Wear leather or rubber gloves. Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator. Individuals with sensitive skin should consider wearing coveralls. At high dust levels, wear safety glasses and dust-proof goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	BROWN TO DARK BROWN GRANULAR SOLID	<b>Solubility (water)</b>	SLIGHTLY SOLUBLE
<b>Odour</b>	WARM, EARTHY ODOUR	<b>Specific Gravity</b>	NOT AVAILABLE
<b>pH</b>	7.3 to 8.1	<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>Melting Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Boiling Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT AVAILABLE	<b>Autoignition Temperature</b>	NOT AVAILABLE

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Incompatible with oxidising agents (eg. hypochlorites, peroxides).
<b>Decomposition Products</b>	May evolve toxic gases if heated to decomposition.

**11. TOXICOLOGICAL INFORMATION**

<b>Health Hazard Summary</b>	Low toxicity. This product presents a low risk with normal use, however it may contain living organisms (bacteria, fungi, protozoa) which may be harmful if inhaled, with prolonged skin contact, or if accidentally ingested. Individuals with impaired immune systems should avoid exposure. Potential skin and respiratory sensitiser. Material undergoes a process of temperature pasteurisation to ensure the presence of potentially harmful pathogens (E. Coli and Salmonella) is negligible.
<b>Eye</b>	Low to moderate irritant. Exposure may result in irritation, pain and redness.
<b>Inhalation</b>	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.
<b>Skin</b>	Low irritant. Prolonged and repeated contact may result in irritation, dermatitis and sensitisation.
<b>Ingestion</b>	Low toxicity. With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation. May increase the likelihood of developing gastrointestinal infections.
<b>Toxicity Data</b>	No LD50 data available for this product.

**12. ECOLOGICAL INFORMATION**

<b>Environment</b>	Plant nutrients may be beneficial to plants at low levels, however high levels may cause reduced growth or burns in sensitive species. Excess may be washed through soil to waterways. Nutrients released to waterways may cause algal blooms, with potential for toxic effects on aquatic organisms.
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**13. DISPOSAL CONSIDERATIONS**

<b>Waste Disposal</b>	Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer for additional information.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION****NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

<b>Shipping Name</b>	None Allocated				
<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

**15. REGULATORY INFORMATION**

<b>Poison Schedule</b>	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).
<b>AICS</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

<b>Additional Information</b>	<b>EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES:</b> 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).
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**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.

**ABBREVIATIONS:**

mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

**GREEN**

**PRODUCT NAME YLAD LIVING COMPOST**

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this Chem Alert 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.

**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 Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**COLOUR RATING SYSTEM:** RMT has assigned all Chem Alert reports a colour rating of Green, Amber or Red for the sole purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline, a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

While all due care has been taken by RMT in the preparation of the Colour Rating System, it is intended as a guide only and RMT does not provide any warranty in relation to the accuracy of the Colour Rating System. As far as is lawfully possible, RMT accepts no liability or responsibility whatsoever for the actions or omissions of any person in reliance on the Colour Rating System.

**Report Status**

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT 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. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT 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 MSDS.

**Prepared By**

Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: info@rmt.com.au  
Web: www.rmt.com.au

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**End of Report**