




MATERIAL SAFETY DATA SHEETS

1. IDENTIFICATION

Date of Issue:	October 2017		
Product Name:	RENOBLEN 16.2.9		
Uses:	Agriculture Granular Fertiliser		
Contact Information:	Organisation	Location	Telephone
	Eco Growth W. A	26 Cooper Rd Cockburn Central Western Australia 6164 Australia	+61 8 9417 9101
	Eco Growth Qld	540-604 Warrego Highway North Tivoli Queensland 4305 Australia	+61 7 3282 7166
	Poison Information Centre	Westmead NSW Australia	13 11 26
	Chemcall 24 Hour Emergency Number	Australia	1800 127 406

2. HAZARDS IDENTIFICATION

Poisons Schedule (Aust)	No Data Available	
Globally Harmonised System		
Hazard Classification	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals	
Hazard Categories	Oxidising Solids	
Pictograms		
Signal Word	Warning	
Hazard Statements	H272	May intensify Fire; Oxidizer

Precautionary Statements

Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P220	Keep/Store away from combustible materials.
	P221	Take any precaution to avoid mixing with combustibles
	P280	Wear protective gloves /eye protection/face protection
Response	P370+P378	In case of fire Use dry Chemical alcohol resistant foam or dry sand for extinction
Disposal	P501	Dispose of contents/container in accordance with local/regional/national/international Regulations.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	Cas No.	Content
Potassium Nitrate	KN03	7757-79-1	23%
Urea		57-13-6	28%
Tripple Play	N/A	N/A	5%
Other Non Hazardous Materials	N/A	N/A	44%

4. FIRST AID MEASURES

Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
Advice to Doctor	Treat Symptomatically.
First aid facilities	Eye wash facilities and safety shower should be available

5. FIRE FIGHTING MEASURES

Flammability	Product is a non-flammable solid. Not combustible, but substance is a strong oxidizer. And its heat of reaction with reducing agents/Combustibles may cause ignition.
Extinguishing	Prevent contamination of drains and waterways
Extinguishing Media	In case of fire Use dry Chemical alcohol resistant foam or dry sand for extinction

Hazchem code 1Z

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt Flush away with copious amounts of water Collect and store in properly labelled containers for disposal or reuse.

7. STORAGE AND HANDLING

Storage General Work Practices Fertiliser Product Not to be stored close to acids
Not classified as dangerous

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits No Value assigned for this specific material by the National Occupational Health and safety Commission (Worksafe Australia).

PPE
Eyes Safety glasses with side shields
Hands Avoid prolonged contact with skin wear impervious gloves always wash hands before smoking, eating, drinking or using the toilet.
Clothing Wash contaminated clothing and other PPE before storage and or re use product may stain.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Fertiliser granules
Odour Earthy to Ammonia
Boiling point 1000 Degrees c
Evaporation rate Not applicable
Freezing point 0 Degrees c
Kg/M3 952.7 SG .952
PH 5.4-10
Solubility in water Soluble

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage
Conditions to avoid Moisture
Material to avoid as Above
Decomposition Medium
Hazardous reactions Caustics and strong acids

11. TOXICOLOGICAL INFORMATION

Skin Not classified as a skin irritant. Prolonged or repeated exposure to dust may result in irritation and dermatitis.
Eye Not classified as an eye irritant. Contact may result in mild irritation, lacrimation and redness.
Sensitization This product is not known to be a skin or respiratory sensitiser.
STOT – single exposure Not classified as causing organ effects from single exposure.

STOT – repeated Not classified as causing organ effects from repeated exposure.
Ingestion Low toxicity. Ingestion of large quantities may result in Nausea
Toxicity Data No LD50 data available for this product.

12. ECOLOGICAL INFORMATION

Environment Limited Eco toxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of to an approved landfill site in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

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

UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	None allocated

15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the chemicals (hazard information and packaging) regulations as follows:

Danger Classifications In accordance with the chemicals Not Applicable

Risk Phrases: None

Safety Phrases: Keep out of reach of children. Keep container closed

16. OTHER INFORMATION

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.